

# Government Degree College (Accredited By Naac With 'B' Grade)



# Pattikonda, Kurnool (Dt), A.P.518380.

S.No	Name of Add on / Certificate Programs offered	Name of the Department	Duration of Course	Number of Students enrolled in the year
1.	Vegetable Plant Nursery Management	Department of Botany	45	25
2.	Money and Banking	Department of Economics	45	20
3.	Artificial Intelligence	Department of Computer Science	34	40
4.	Aspirin Preparation	Department of Chemistry	45	33
5.	Certificate Course in Tally	Department of Commerce	45	40
6.	Modern Principles & Technologies of Archeology	Department of History	30	15
7.	Refrigerator services	Department of Physics	30	20
8.	Daily Use English Sentences with Telugu Meaning	Department of English	40	40
9.	Business Mathematics	Department of Mathematics	45	25
10	Introduction to political Science	Department of Political Science	45	15
11	Telugu Chandassu	Department of Telugu	30	40
12	Poultry Broiler Management	Department of Zoology	45	25



Dr. R. MADHURI, ME. MAN. PO. PRINCIPAL

Government Degree College PATTIKONDA., Kurnool Dist., A.P.

# Government Degree College, Pattikonda, Kurnool dist.



Department of Botany

Certificate Course on

Vegetable plant Nursery Management

2019-2020



Sri K.Sippilssac Lecturer in Botany Course Co-ordinator Govt.Degree College Pattikonda.

# 2019-2020

1. Name of the institution

: Govt. Degree College, Pattikonda.

2. Title of the course

: Vegetable Plant Nursery Management

3. Co-ordinator/s

: Sri.K.SippiIssac

Department of Botany

4. Duration /Tenure

: 45 Days



# GOVERNMENT DEGREE COLLEGE, PATTIKONDA

# PROPOSAL FOR THE INTRODUCTION OF CERTIFICATE COURSE IN "VEGETABLE PLANT NURSERY MANAGEMENT"

DATE: 11/11/2019

From

Dr. A. Lakshmaiah Lecturer in Botany &Head of the Department

Govt. Degree College Pattikonda, Kumool Dist. To

The Principal,

Govt. Degree College, Pattikonda

Kurnool Dist.

# Respected Madam,

I would like to inform you that our college Botany department like to organize a certificate course in "Vegetable plant nursery management". This course is a now a days having a little bit demand and for employment and also facilitates self-employment to the outgoing B.Sc.; BZC students of our college. The Department of Botany is excited to start the course taking into account of all of these factors with your support and encouragement. This is for your kind information and approbation.

Thanking you madam.

The details or the program are

Name of the proposed program

: Vegetable Plant Nursery Management

2. Course co-ordinator

: Dr.K.Shippi Isaq

3. Duration and timings of the program

: 45days; daily 4-5 PM

Start date of the program

: 21st November 2019

5. Course fee

: 100/-

6. No. of students expected for admission

:25

Yours faithfully

Department of Botany,
Government Degree College
Government Degree College

Pattikonda-518 380 Kurnosi Dist

# GOVERNMENT DEGREE COLLEGE, PATTIKONDA

Department Of BOTANY

Minutes of the Department meeting for the conduct of Certificate Course in Vegetatole Plant Nursey Hancourse

Date: 12-11/2019

The Department of Bofaure a leader in catering to student needs, has made the decision to widen opportunities for individuals graduating from our College. There is a considerable need for new graduates with advances skills due to the expanding job market, which has been particularly visible in the advances skills due to the expanding job market, which has been particularly visible in the advances sector. With the straightforward objective of equipping graduating students with the requisite practical skills of abilities, the Department of botaure has taken the initiative to provide a Certificate Course in Vesalous Plant Numbers Management On 12-11-7019. The Department of botaure Convened a meeting with its members and the conference was led by the department head DR 6 (Advancement) and attended by SRI K SIPPI ISSAC and lecturers in Botaure. The Department unanimously decided to organize the Certificate Course in Vegeta leb plant Numbers for degree-seeking students at our College, with the lecturers serving as the course instructors and the Department Head serving as chairman. As promised, the Certificate Course would be span of 45 days.

1. Sri/Dr A Lakshmeinh, Head of the Department : A. Lakshmeinh, Head of the Department

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# Government Degree College

(Accredited By Naac With 'B' Grade)
Pattikonda, Kurnool (Dt), A.P. 518380.



## GOVERNMENT DEGREE COLLEGE, PATTIKONDA.

### DEPARTMENT OF BOTANY

# Circular

Date: 15/11/2019

All the B.Sc; BZC final year degree students are hereby informed that the Department of Botany is going to start a certificate course in 'Vegetable Plant Nursery Management'. The duration of the course is 45 days. Students need not pay any fee for the course. The classes will commence from 21/1/20/9 and Interested students are required to register their names in the Botany Department. After successful completion of the course certificate will be provided to the students.

Head of the Department

HEAD
Department of Botany,
Government Degree College
Pattikonga-518 380, Kurnool Dist

DEPARTMENT OF BOTANY GOVT. DEGREE COLLEGE ATTIKONDA-518 380, Kurnool Dt.

Copy to the Library Notice Board Copy to the Notice Board Copy for Circulation among the Students

### CERTIFICATE COURSE

On

# VEGETABLE PLANT NURSERY MANAGEMENT

### INTRODUCTION

A plant nursery is a specialized facility where plants are propagated, grown, and nurtured until they are ready for sale or transplantation. Plant nurseries play a vital role in the horticulture industry by producing a wide variety of plants, including ornamental plants, trees, shrubs, herbs, and even vegetable seedlings. Here is an introduction to plant nurseries:

Purpose: The primary purpose of a plant nursery is to produce healthy and high-quality plants for various purposes, including landscaping, gardening, reforestation, and commercial agriculture. Nurseries provide a controlled environment that allows plants to grow and develop under optimal conditions.

Plant Propagation: Plant nurseries engage in different methods of plant propagation, such as seeds, cuttings, grafting, and tissue culture. These methods ensure the production of genetically identical or desirable plant specimens.

Plant Selection and Cultivation; Nurseries carefully select plant varieties based on factors such as growth habits, disease resistance, aesthetic appeal, and regional suitability. They cultivate the plants using appropriate growing media, fertilizers, and pest cofficult measures to ensure healthy growth.

Plant Care and Maintenance: Nurseries provide regular care to the plants, including watering, pruning, fertilization, and pest management. They monitor and adjust environmental conditions like temperature, humidity, and light levels to optimize plant growth.

Inventory Management: (fant nurseries maintain an inventory of plants, often organized by species, size, and stage of growth. They track plant availability, monitor stock levels, and plan for propagation cycles to meet customer demands.

DEPARTMENT OF BOTANY
GOVT, DECIREE COLLEGE
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Sales and Customer Service: Plant nurseries offer plants for sale to individuals, landscapers, garden centers, and other businesses. They provide customer assistance, advice on plant selection, and guidance on plant care and maintenance to ensure successful plant establishment.

Specialty Services: Some plant nurseries specialize in specific plant types, such as native plants, rare or exotic species, or specific plant families. They may also offer additional services like landscape design, plant delivery, or consulting services.

Environmental Considerations: Plant nurseries often prioritize sustainable and environmentally friendly practices. This includes the use of organic fertilizers and pest control methods, water conservation, recycling, and promoting the use of malive plants for conservation purposes.

Visiting a plant nursery provides an opportunity to explore a wide range of plants, seek expert advice, and acquire plants for personal or professional use. Nurseries are valuable resources for gardeners, landscapers, and anyone interested in adding greenery to their surroundings.

Whether you are tooking for ornamental plants to beautify your garden or searching for specific plant species for a landscaping project, plant nurseries offer a diverse selection and the expertise to guide you in making informed choices.

### Opportunities

- Online Plant Sampling Sales to farmers
- Educational Programs and Workshops
- Whole sale Supply to farmers

Starting or working in a pitth nursery requires a passion for plants, horticultural knowledge, and business acumen. It's essential to conduct market research, develop relationships with suppliers and customers, and stay updated with the latest industry trends and practices to seize the opportunities available in the plant nursery sector.

# SYLLABUS

# VEGETABLE PLANT NURSERY MANAGEMENT

### CERTIFICATE COURSE FOR THE YEAR- 2019-2020

## Unit-1

- 1. Vegetable plant nursery definition and importance
- 2. Types of vegetable plants grown in nurseries
- 3. Basic requirements for the establishment of le plant nursery.
- 4. Preparation of nursery beds and precautions.
- 5. Growing media composition and containers types.

### Unit-2

- 1. Seeds and plant material used to raise nursery
- 2. Sowing methods of seeds in nursery
- 3. Seasonal activities and routine operation in a nursery.
- Nursery watering, Weeding, usage of nutrients, Pests and common diseases in nurseries.
- 5. Marketing of nursery seedlings.

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# VEGETABLE PLANT NURSERY MANAGEMENT

### CERTIFICATE COURSE FOR THE YEAR- 2019-2020

Question Paper

Answer any five question from the given below

Each question carries equal marks

5X10 = 50M

- 1. Define the vegetable plant nursery and write about its importance?
- 2. Write essay on various types of vegetable plants grown in plant nurseries?
- 3. What are the basic requirements for the establishment of a plant nursery?
- 4. What are the various seeds and plant material used to raise the vegetable plant nursery?
- 5. What are the seasonal activities and routine works carried out in plant nurseries maintenance?
- 6. Write3 about the seed sowing beds preparation and seed sowing methods of plant nurseries?
- 7. Write about the pests and diseases appear in the vegetable plant nurseries and their control?
- 8. Write about the marketing methods of the vegetable plant nurseries?

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# List of students Registered for Certificate Course 2019-20 Department of Botany

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1	A.Rajeswari	173048003	A Rouxwari
2	A.Rehana	8001	A. Rehana
3	B.Raja	8005	B. Doya
4	B.Ravi Kumar	8007	B. Ran Kuman
5	B.Venkatesh	8008	I ventalesh
6	B.Subhashini	8006	2 Subhashini
7	C.Raju	8009	C. DOILL
8	G.Venkata Sunitha	8010	G. Monkata Sunitha
9	K.Chandra Sekhar	8012	K chandrached
10	K.Mallikarjuna	8014	K Mallikarium
11	K.Rajashekar	8015	K-Razakekov
12	K.Rohini	8011	K · Robini
13	K.Suseela	8013	K.Suseelo
14	M.Madhu	8017	M. Madhu
15	M.Manasa	8108	M.Manasa
16	M.Raju	8016	W. Kakii
17	M.Sunil Kumar	8019	M. Suni (kumas
18	N.Mallikarjuna	8022	M. Mallisariuma
19	P.Usen	8027	p.usen
20	P.Mahaboob Basha	8024	P. MahababBas
21	P.Nabi Rasool	8026	pulabi renoul
22	Shaik Usenvali	8029	shaik usenvali
23	S.Ramanjaneyulu	8028	S. Romaniane yalu
24	U.Mallikarjuna	8430	U-mallikaston
25	V.Anand	8031	1/ Angua



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# Government Degree College, Pattikonda, Kurnool Dist. A.P.



Re-Accredited with "B" Grade By NAAC

Affiliated to Rayalaseema University-Kurnool

Department of Botany

Certificate Course in "Vegetable plant nursery Management"

# Certificate Of Participation

This is to certify that Mr./Miss/ Mrs.

Student o

III B.Sc, BZC of Government Degree College, Pattikonda has successfully completed the certificate

course in Vegetable plant nursery Management organized by Department of Botany ,Government

Degree College ,Pattikonda, Kurnool dist. from 21/112019 to 10/01/2020.

Course co-ordinator/s

Principal

# Government Degree College, Pattikonda.

# Department of Botany

Final Report of Certification Course in Vegetable Plant Nursery Management.

Vegetable Plant Nursery Management was developed by the Department of Botany with the help of the Principal, Dr.M.Purushotham Reddy, for the College's students. By offering a certificate course in Vegetable Plant Nursery Management for 45 days, the Department of Botany has made a modest start in its effort to teach and enhance the students with practical knowledge of the management of a vegetable plant nursery. The primary goal of the course, as previously decided, was to impart Vegetable Plant Nursery Management knowledge to the departing pupils. The demands of the final year students are taken into consideration when creating the course's fundamental framework. The aforementioned course began on 21st November, 2019, and ended on 10th January, 2020. The pupils' response was very positive. The Seminar Hall was crowded with eager students for its first presentation.

The principal, Dr.M.Purushotham Reddy, spoke to the students and informed them of the significance of nursery management in both the social and business spheres. He also praised the work of the department of Botany and complimented Dr.A.Lakshmaiah HOD who also served as the course coordinator. The course had a high turnout of students. Regular attendance for the classes, which ran from 04.00 PM to 5:00 PM, was 25 students.

The sessions were engaging, educational, and fascinating. The students were able to comprehend how to learn and understand Vegetable Plant Nursery Management with the use of hands-on activities, films, handouts, seminars, quizzes, suggested books, and engaging exercises. The pupils' confidence level was raised via brainstorming sessions, discussions, group exercises, and presentations. The complete course took place, The Course ran its entire course of 45 days and also took informal inputs from the students for making the course better next time. After the successful completion of the said Certificate course, a valedictory function was held and the Principal of the College, Dr.M.Purushotham Reddy graced the occasion and awarded the certificates to the students. The meeting was presided over by the HOD (Botany), Dr.A.Lakshmaiah .At the end of program Sri K.Sippi Isaq, Lecturer in Botany, proposed the vote of thanks.

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DO" 1004 "DA-518 380, Kurnool Dt.

# GOVERNMENT DEGREE COLLEGE PATTIKONDA, KURNOOL(DT) DEPARTMENT OF ECONOMICS CERTIFICATE COURSE 2019-2020

# , GOVERNMENT DEGREE COLLEGE, PATTIKONDA PROPOSAL FOR THE INTRODUCTION OF CERTIFICATE COURSE IN MONEY AND BANKING

DATE: 10-11-2019

FIUTE B Jayschandrodu, Lectures in Economics, Head of Department Govt. Degree College. Patrikonda, Kurnool (Dt).

To The Principal Govt. Degree College, Particondo Kurnool (Dr.).

Respected Sir.

The department of Economics wishes to conduct a certificate course Minney and Bunking Keeping in view employment opportunities in Banking sector. More over the course is simed eradicating unemployment in tural areas. The course content is designed to create awareness on opportunities. Hanking sector in this regard the proposal may please be accepted and permission may be accorded.

The details or the program are

1. Name of the proposed program

2. Duration and timings of the program

3. Start date of the program

4. Course fee

5. No of students expected for admission

Certificate Course

45 days

19.11.2019to 13.01.2020

NO

20

Yours faithfully

13 - Jaya Chandrada between in Economicy

Department Of Economics Government Degree College PATTIKONDA: 518 380 Kumooli Dist.

# Department Of Economics Minutes of the Department meeting for the conduct of Certificate Course in Money and Banking

Date: 10-11-2019

The Department of Economics, is sincere to cater the needs of students, has made the decision to widen opportunities for individuals graduating from our College. There is a considerable need for new graduates to enhance their employability skills due to the expanding job market, visible in the Banking Sector. With the straightforward objective of equipping graduating students with the requisite practical Knowledge and abilities, the Department of Economics has taken the initiative to provide a Certificate Course in Money and Banking.

The faculty of the department under the chairmanship of HOD Sri.B.Jayachandrudu on 19.01.2020 and unanimously decided to organize the Certificate Course in Money and Banking for degree-seeking students at our college, with the lecturers serving as the course instructors and the Department Head serving as convener. As promised, the Certificate Course would span 45 days.

- 1. Sri B.Jayachandrudu, Head of the Department
- 2. Sri Dr. Venkata Narsaiah, Lecturer in Political Science
- 3. Sri Venkata Krishnaiah, Lecturer in History

Government DEGREE COLLEGE,

PATTIKONDA.

Principal PAL

# Government DEGREE COLLEGE, PATTIKONDA. DEPARTMENT OF ECONOMICS

# Circular

Date: 13-11-2019

All the BA., HEP final year degree students are hereby informed that the Department of Economics is going to start a certificate course in 'Money and Banking'. The duration of the course is 45 days. Students need not pay any fee for the course. The classes will commence from 19-11-2019 to 13-01-2020. Interested students are required to register their names in the Economics Department. After successful completion of the course certificate will be provided to the students.

Department Of Economics
Government Degree Colle
PATTIKONDA 518.380 Kumosi(Ds.

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### CERTIFICATE COURSE IN ECONOMICS

Topic: Money and Banking

Syllabus:

Unit -I:

Money and Quantity Theories of Money-

Definitions of Money -Concepts of Money-Liquidity and Finance-Money Illusion-Gresham's Law-RBI classification of Money-Theories of Money: Fisher and Cambridge (Marshall, Piguo, Robertson and Keynes Equation)

Unit-II:

Banking and NBFC's-

Banking -Definition and types of Banking-Commercial Banks -Functions - Recent Trends in Banking -Merges and Acquisitions -Central Bank -Functions - Control of credit by Central Bank - NBFCs -Factors contributing to their Growth and their Role.

B. Jayachandradu

Department Of Economics

Government Degree College

FATTIKONDA 518 380 Kurnook(Dist.)

# Model question paper (2019-20)

# Money and Banking certificate course

Time :2 hrs

Maximum marks :50

# Each question caries 10 marks (10\*5)

- 1. What are the functions of Money?
- 2. Explain Gresham's Law.
- 3. Write about Fisher Quantity Theory of Money.
- 4. What are the functions of RBI?
- 5. The role of NBFC's in Economic Development.
- 6. Explain recent trends in Banking.
- 7. Explain Cambridge Theory of Money.
- 8. Types of Banks.

B. Joya chandrudu Department Of Economics Government Degree College PATTIKONDA 518 380 Kurnool/Dist.

# Students List Registered For 2019-202+

S.No	Admission NO	NAME OF THE STUDENT	elass	Signatur Steller
1	5011	A.Ravi Kumar	MERHER	A Por kumi
2	5015	B.Ultheppa	THI BA HEP	BUILDES
3	5017	B.Swathi	TILLA HEP	B. Swathi
4	5018	C.Ashok	THE BA HEP	C. rishou
5	5323	G.Radhamma	TIL BA HEP	Er Padheimmo
6	5026	K.Karthik	TIBAMEP	K YORK K
7	5028	K.Arshiya	THE BAHEP	K. Arshiya
8	5030	K.Harikrishna	THE MA HEP	u shx ux 4 La
9	5031	M.Vinash	TH BAHEP	
10	5033	M.Rangaswamy	TR DAMEP	M. windsha
11	5036	M.Sekhar	TII BA HEP	M. Sekhaz
12	5040	P.Imam Bec	THE BAHER	P. John DOE
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14	5047	T.Siva Kumar	TI BA HEP	T. Sive yuma
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17	5176	M.Sanjeevakama	I BAHEL	ALLER SOUNDS
18	5178	N.Lokesh Naik	I GAHER	DI NOTES MIL
19	5183	U.Naresh	TI BA HOL	U. Maresh
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1	A.Ravi Kumar	P	8	P	1	P	8	1	8	T	Q.	6	6	8	P	1	5	P	D	P	8	a	P	0
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3	B.Swathi	7	13	1	1	9	P	17	P	0	P	10	10	P	0	P	4	a	8	0	P	P	5	P
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B. Jayachandrudu

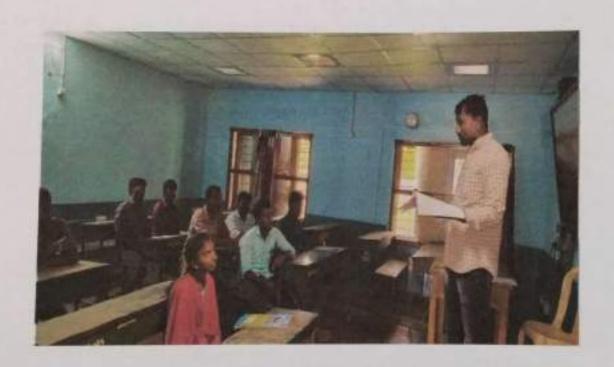
Department of Economics

Government Degree College

GATTKONDA 518 380 Kurnodi Dista

# **CLASS on Certificate Course 2019-2020**





# Government Degree College, Pattikonda Department of Economics

# Final Report of Certification Course in Money and Banking

By offering a certificate course in Money and Banking for 45 days, the Department of Economics has made a modest start in its effort to teach and enhance the students with knowledge on Banking. The primary goal of the course, as previously decided, was to impart knowledge about Money and Banking to the departing pupils. The demands of the final year students are taken into consideration while framing the course's fundamental framework. The aforementioned course began on November 20,2019, and ended on January/3,2020. The pupils'

The principal, Dr.M.Purusotham Reddy spoke to the students and informed them of the significance of Agriculture and Industries. He also appreciated the work of the department and complimented B.Jayachandrudu ,HOD , who served as the course's architect. The course had a high turnout of students. Regular attendance for the classes, which ran from 05.00 PM to 6:30 PM,

The sessions were engaging, educational, and fascinating. The students were able to comprehend how to learn and understand money and banking with the use of handouts, seminars, quizzes, suggested books, and engaging exercises. The pupils' confidence level was raised via brainstorming sessions, discussions, group exercises, and imprompt presentations . The Course ran its entire course of 45 days and also took informal inputs from the students for making the course better for next time.

After the successful completion of the said Certificate course, a valedictory function was held on 13-01-2020 \_\_\_\_ The Principal of the College, Dr M Purusotham Reddy

graced the occasion. The meeting was presided over by the HOD (Economics). Sri B.Jayachandrudu, At the end of program Sri Venkata Krishnaiah, Lecturer in Political Science, proposed the vote of thanks.

> B. Jayachandrudu Department Of Economics Government Degree College PATTIKONDA 518 380 Kumoolidist.



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# Department of Economics

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Coordinator
Department Of Economics
Government Degree College
PATTIKONDA 518380 NamoolData

GOVT DEGMEE COLLEGE

# Government Degree College Pattikonda, Kurnool (Dt).

Department of Computer Science



A Certificate course in Artificial Intelligence for the year-2019-20

# Government Degree College, Pattikonda.

# Department of Computer Science

Date: 31-08-2019

All the final year degree students are hereby informed that the Department of Computer Science is going to start a certificate course in Artificial Intelligence, the duration of the course is 34 days. Students need not pay any fee for the course. The classes will commence from 02-09-2019. Interested students are required to register their names in Computer Science department. After successful completion of the course certificate will be provided to the students.

Coordinator

Govt. Degree College PATTIKONDA-518 380.

Kurnool Cist. A.P.

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GOVT DEGREE COLLEGE
PATTIKONDA-518 380
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# GOVERNMENT DEGREE COLLEGE, PATTIKONDA

# Proposal for the Introduction of Certificate

# Course in

# Artificial Intelligence

Date: 31-08-2019

From B.Rajender, Lecturer in C.S, Head of Department Govt. Degree College Pattikonda, Kurnool (Dt).

t.

To The Principal, Govt. Degree College, Pattikonda Kurnool (Dt).

Respected Sir,

I would like to suggest that the department of Computer Science is going to organize a certificate Course in Artificial Intelligence basing on the demands of departing students. The Department of C.S is excited to start the course.

# The details or the program are

: Artificial Intelligence 1. Name of the proposed program

: 34 days 2. Duration and timings of the program

: 02nd September 2019 3. Start date of the program

: free 4. Course fee

: 40 5. No, ofstudents expected for admission

Yours faithfully

Head of Department Computer Science Lecturer in Computer Science Govt. Degree College PATTIKONDA-518 380. Kurnool Dist. A.P.

GOVT DEGREE COLLEGE PATTIKONDA-518 380 Yurnool Dist A P

# GOVERNMENT DEGREE COLLEGE, PATTIKONDA Department of Computer Science Minutes of the Department meeting for the conduct of Certificate Course in Artificial Intelligence

Date: 30-08-2019

The Department of Computer Science, a leader in catering to student needs, has made the decision to widen opportunities for individuals graduating from our College. There is a considerable need for graduates with Artificial Intelligence skills due to the expanding job market, which has been particularly visible in the globalized sector. With the straightforward objective of equipping graduating students with the requisite Artificial Intelligence skills, the Department of Computer Science has taken the initiative to provide a Certificate Course in Artificial Intelligence.

On 30-08-2019, the Department of Computer Science held a meeting with its members on the College's property. The conference was led by the department head, B.Rajender, The Department unanimously decided to organize the Certificate Course in Artificial Intelligence for degreeseeking students at our College, with the lecturers serving as the course instructors and the Department Head serving as chairman. As promised, the Certificate Course would span 34 days.

1. Sri B.Rajender, Head of the Department Lecturet in Computer Science

Govl. Degree College PATTIKONDA-518 380. Kurnool Dist. A.P

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# **Certificate Course** Artificial Intelligence

# SYLLABUS

Unit I Overview What is AI? History of AI, Goals of AI, Components of AI, AI Techniques, AI Applications, research areas, AI classification Intelligence and its types, Learning difference between human and machine learning Agents and Environments Introduction to different AI Agents, Terminology, Rationality, Structure of AI agents, Model based agents, goal based agents, Utility based agents, Environment, Turing test

AI Algorithms Single Agent Path finding problems, Search terminology, Brute Force Search, Depth First, Breadth First, Bidirectional search, Comparison of different test algorithm Strategies, Informed Search Strategy, Local Search Algorithm, Hill climbing, local beam search, Simulated Annealing, Travelling Salesman problem

Unit III Neural Networks Artificial Neural Networks (ANN) and its structure, types of ANN, working, Machine Learning in ANN, Bayesian Networks, Applications of ANN

Natural Language Processing: Components of NLP NLU NLG, Terminology used in NLP, Steps in NLP, Implementation aspects

Context free grammar, Top down parser

Lecturer in Computer Science Govt. Degree College PATTIKONDA-518 380. Kurnool Dist. A.P.

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Unit IV Fuzzy Logic Introduction, FLS Architecture, Example, Application Areas, Advantages and disadvantages Expert Systems Introduction characteristics and capabilities, components, Limitations, applications, technology, Development of expert system, benefits

Robotics: Introduction, Aspects, difference in Robotic programming and other AI programming, Robot Locomotion, components of Robot, Computer Vision, Tasks of Computer vision, Applications

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GOVT DEGREE COLLEGE PATTIKONDA-518 380 Yurnool Dist A P

# List of students Registered for Artificial Intelligence 2019-20

S.No	Name of the Students	
1	A.S.Chandra Sekhar	_
2	B.Lakshmanna	_
3	B.Mahesh Babu	_
4	G.Shashi Kumar	_
5	K.Brambaiah	-
6	K.Mallikarjuna	
7	K.Sathesh	
8	K.Urukundu	
9	L.Rajasekhar	
10	M.Chandramma	
11	M.Rajesh	
12	M.Thulasi	
13	O.Ravi Kumar	
14	P.Kasimvali	
15	P.Sandya	
16	P,Siva Sankara Prasad	
17	R.Ravi Teja	
18	S.Ramesh	
19	T.Pavani	
20	T.Vecranandu	
21	Y.Lakshmi	
22	Y.Raghu	
23	P.Rajesh Kumar	
24	K.Dasthagiri	
25	B.Suvarna	
26	B.Veeranjineyulu	_
27	C.Mohan	
28	D.Durgaprasad	_
29	G.Lalu Kumar	
30	K.Ravi	_
31	K.Vikranth	
32	M.Rajasekhar	
33	M.Ramesh	_
34	M.Suryanarayana	
35	N.Suresh Babu	_
36	P.Sekhar	_
37	S.Munindra	_
38	S.Roshan	_
39	Y.Rajesh	
40	V.Janardhan	_

Lecturer in Computer Science Govt. Degree College PATTIKONDA-518 380. Kurnool Dist. A.P

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### Model question paper (2019-20)

### Artificial Intelligence Certificate Course

Time 01:00	Maximum Marks: 50
개인장(전),회원(전) 전	Maximum Marks: 50

1.	What	is	Artificial	intelligence?
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- a) Putting your intelligence into Computer
- b) Programming with your own intelligence
- c) Making a Machine intelligent
- d) Playing a Game
- 2. How do you represent "All dogs have tails"?
- a) Vx: dog(x) àhastail(x)
- b) Yx: dog(x) àhastail(y)
- c) Yx: dog(y) àhastail(x)
- d) Yx: dog(x) àhasàtail(x)
- 3. Who is known as the -Father of Al"?
- a. Fisher Ada
- b. Alan Turing
- c. John McCarthy
- d. Allen Newell
- 4. The application/applications of Artificial Intelligence is/are
- a. Expert Systems
- b. Gaming
- c. Vision Systems
- d. All of the above
- A technique that was developed to determine whether a machine could or could not demonstrate the artificial intelligence known as the\_\_\_\_
- a. Boolean Algebra
- b. Turing Test
- c. Logarithm
- d. Algorithm
- An AI agent perceives and acts upon the environment using\_\_\_\_.
- a. Sensors
- b. Perceiver
- c. Actuators
- d. Both a and c

7. Which rule is applied for the Simple reflex agent?	
a. Simple-action rule	
b. Simple &Condition-action rule	
c. Condition-action rule	
d. None of the above	
8. Which agent deals with the happy and unhappy state?	
a. Utility-based agent	
b. Model-based agent	
c. Goal-based Agent	
d. Learning Agent	
9. Rational agent always does the right things.	
a. True	
b. False	
10. Which term describes the common-sense of the judgmental part of problem-solving?	
a. Values-based	
b. Critical	
c. Analytical	
d. Heuristic	
11. Which AI technique enables the computers to understand the associations an	4
relationships	•
between objects and events?	
a. Heuristic Processing	
b. Cognitive Science	
c. Relative Symbolism	
d. Pattern Matching	
12. The exploration problem is where	
a. Agent contains the knowledge of State and actions.	
b. Agent does not contain the knowledge of State and actions.	
c. Only actions are known to the agent.	
d. None of the above	
13. In the Wumpus World Problem, the reason for the uncertainty is that the agent's sensor	
gives only	
a. Full & Global information	
b. Partial & Global Information	
c. Full & local information	
d. Partial & local Information	

1	4. Which instruments are used for perceiving and acting upon the environment?
	) Sensors and Actuators
ь	) Sensors
c	) Perceiver
d	) None of the mentioned
1	5. What is meant by agent's percept sequence?
3	Used to perceive the environment
b	Complete history of actuator
	Complete history of perceived things
d	) None of the mentioned
1	6. How many types of agents are there in artificial intelligence?
3	) 1
b	)2
c	) 3
d	) 4
1	7. What are the composition for agents in artificial intelligence?
2	) Program
b	) Architecture
	Both Program & Architecture
đ	None of the mentioned
1	8. In which agent does the problem generator is present?
	Learning agent
ь	Observing agent
	Reflex agent
ď	None of the mentioned
1	9. Which is used to improve the agents performance?
	Perceiving
	) Learning
c	Observing
d	None of the mentioned
2	0. Which agent deals with happy and unhappy states?
a	Simple reflex agent
b	) Model based agent
c	Learning agent
-	) Utility based agent

22. Which element in the agent are used for selecting external actions?
a) Perceive
b) Performance
c) Learning
d) Actuator
23. Which is not the commonly used programming language for Al?
a) PROLOG
b) Java
c) LISP
d) Perl
24.An omniscient agent knows the actual outcome of its actions and can act accordingly; but omniscience is impossible in reality. Rational Agent always
does the right thing; but Rationality is possible in reality.
a) True
b) False
25. The Task Environment of an agent consists of
a) Sensors
b) Actuators
c) Performance Measures
d) All of the mentioned

Lecturer in Computer Science Govt. Degree College PATTIKONDA-518 380. Kurnool Gist. A.P

21. Which action sequences are used to achieve the agent's goal?

a) Search b) Plan c) Retrieve

d) Both Search & Plan



# **Government Degree College**

Pattikonda, Kurnool-518380, A.P.
Affiliated to Rayalaseema University (RU) Kurnool
Re-Accredited By NAAC with 'B' Grade

# Department of Computer Science-

# Vertificate Of Participation

successfully completed 'A Certificate Course in Artificial Intelligence 'Organized by Department of Computer Science, Government Degree College, Pattikonda, Kurnool(Dt) held from 02-09-2019 to \_ studying\_ This is to certify that Mr./Miss./Mrs. 16-10-2019.

Coordinator
Lecturer in Computer Science
Govt. Degree College
PATTIKONDA-518 380.
Kurnool Dist. A.P

GOVT DEGREE COLLEGE

### Government Degree College, Pattikonda Department of Computer Science Final Report of Certification Course in Artificial Intelligence

During this course, students delved deep into Artificial intelligence fundamentals, including History of AI, Goals of AI, Components of AI, AI Techniques, AI Applications, research areas, AI classification. Through hands-on exercises and real-world examples, they gained a solid understanding of Artificial intelligence. Completing this course has added a new skill to their knapsack, empowering them to tackle programming challenges and contribute effectively to Artificial intelligence. The aforementioned course began on September 02, 2019, and ended on October 16, 2019. The pupils' response was very positive. The Seminar Hall was crowded with eager students for its first presentation.

The principal, Dr. Purushotham Reddy, spoke to the students and informed them of the significance of technology in both the social and business spheres. He also praised the work of the department of Computer science and complimented Sri.B.Rajender, HOD, who served as the course's architect. The course had a high turnout of students. Regular attendance for the classes, which ran from 04.00 PM to 5:30 PM, was 40 students.

The sessions were engaging, educational, and fascinating. The students were able to comprehend how to learn and understand Artificial intelligence with the use of hands-on activities, films, handouts, seminars, quizzes, suggested books, and engaging exercises. The pupils' confidence level was raised via brainstorming sessions, discussions, group exercises. The complete course took place; The Course ran its entire course of 34 days and also took informal inputs from the students for making the course better next time.

After the successful completion of the said Certificate course, a valedictory function was held on 16<sup>th</sup> October 2019. The Principal of the College, , graced the occasion. The meeting was presided over by the HOD, B. Rajender. Vote of thanks was proposed by other members.

Lecturer in Computer Science Govt. Degree College PAT,TIKONDA-518 380. GOVT DEGREE COLLEGE PATTIKONDA-518 380 Surnool Dist A P

### GOVERNMENT DEGREE COLLEGE PATTIKONDA KURNOOL( DIST)

**DEPARTMENT OF CHEMISTRY** 

CERTIFICATE COURSE 2019-20

Lectural In-Charge
Department of Chargetry
GOVT. DEGREE COLLEGE,
PATTIKONDA, Kurnool Dist.

PRINCIPAL
GOVT DEGREE COLLEGE
PATTIKONDA-518 380
'Curnool Dist A P

### GOVERNMENT DEGREE COLLEGE, PATTIKONDA PROPOSAL FOR THE INTRODUCTION OF CERTIFICATE COURSE IN

Astinia Victoration DATE: 14 1 2019

Lecturer in Cherinty Head of Department Govt. Degree College Pattikonda, Kumool (Dt).

The Principal, Govt. Degree College, Pattikonda Kurnool (Dt).

Respected Sir,

I would want to suggest that our college hold a certificate programme Aspiral Prefaration \_\_\_\_ The demands of departing students are now more regularly communicated to the Department of \_\_\_\_\_\_\_\_ ( A VI . From the lowest to the highest levels of employment, ANINA Palbud has become held ful students. The Department of Chemintry is excited to start the course taking into account all of these factors.

The details or the program are

1. Name of the proposed program

2. Duration and timings of the program

3. Start date of the program

4. Course fee

5. No, ofstudents expected for admission

Artinin Ontandon Hrdays 21st November 2019

Yours faithfully

Head of Department

### GOVERNMENT DEGREE COLLEGE, PATTIKONDA

Department Of Chiminal's

Minutes of the Department meeting for the conduct of Certificate Course in \_ Minin full thing

Date: 15/11/2019

ne Department of Characater a leader in catering to student needs, has made the decision
widen opportunities for individuals graduating from our College. There is a considerable need
or new graduates with how it is skills due to the expanding job market, which has been
articularly visible in the Thomas Dulkted sector. With the straightforward objective of quipping graduating students with the requisite practical Statuting abilities, the Department
has taken the initiative to provide a Certificate Course in Attinu full colice
On Sylvenov 1019, the Department of Chewinty held a meeting with its members on the
College's property. The conference was led by the department head, & krukudaulida and
attended by, Rivigal , and orther Chraity ecturers in
The Department unanimously decided to organize the Certificate Course
in AN and Industry for degree-seeking students at our College, with the lecturers serving as
the course instructors and the Department Head serving as chairman. As promised, the
Certificate Course would span 45 days.

- 1. Sri B. Knuft wood le by Head of the Department
- 2 Sri R. Ventrousa Lecturer in Chamit 3. Sri K. Verneliged Lecturer in Chronisty

GOVT DEGREE COLVEGE PATTIKONDA-518 380 Kurnool Dist A P

### Government DEGREE COLLEGE, PATTIKONDA.

### DEPARTMENT OF Chinystry

Circular

Date: 13/ 11/2019

All the III B. C final year degree students are hereby informed that the Department of Chaminary is going to start a certificate course in Addition for the course is 45 days. Students need not pay any fee for the course. The classes will commence from 21/11/2019 Interested students are required to register their names in the Chaminary Department. After successful completion of the course certificate will be provided to the students.

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GOVT DEGREE COLLEGE,
PATTIKONDA, KURIOOI DISL

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Gook Dagne college, Pathikunda

Department of Chemistry

Cerchificate Course In Aspinia Preparation

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Syntherm of Arbinia

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### Grove Degae college, Pathikunda. Defutment of chamistry.

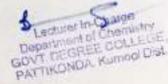
Final report of cartification course in Profunction of Arriva

Artinia Palastrean was developed by the Deft of chamiltof with the half of the Prinipel, to the Ntudents. By offering a centrificative Course in Atima Repudion of the days. The dept of chemistry made a moderal struct in also cotton to feach and enhance the students with Practices knowledge of the Artisin Prefunction. The Paimond 8000 of the course, or Premonly duided, was to imput Aspinia Reforms on knowledge of to the defaiting Pukils. The demands of the trival year Afridado are taxen into Consideration when Creating the courses fundamental framinosis. The Course began November 314 2019 and Ended January 8th 2020. The Publis response som ung

The Priviled Dr. B. Puronotham Reddy Noke the Hudereds and intermed them of the Significance

of technology in both the Sodo and economic He also Praired to work of the defutment Chemistry and complemented to sxi. B krupendow HOD, colo saved as the coursely accupit. The low had a arch tim of students, Regular attendance of the which can from 5.008 m to 6.008.m, kan 24 st. The Service Were enjoding synthesis and An The student were able to confrehend how to be understand sound to Finis Reports on with the one of human brings. The Public confidence level was main No brodu Addressy Service, descension, fruit Brusher a I radical and year. The complete course food Place. The Course for its estine course of a 45days audits Doors informal inputs from the squaestife making the (anne better met tome.

Asherter Successful Completion of the Caditical Comme a Validatory franction Committed and Str. January 2020. The Principal of the College, Dr. B. Personhotham Reddy grace of the franction. The routing was Praired our by the HOD of Chimistry. At the end of the Proframe Sri. B. unkning, ledurer In Chamberly Dropped the Vite of thank.





## GOVRENMENT DEGREE COLLEGE

AFFILIATED TO RAYALASEEMA UNIVERSITY (RU) KURNOOL PATTIKONDA, KURNOOL-518380, A.P. RE-ACCREDITED BY NAAC WITH 'B' GRADE

### Department of Chemistry

# Certificate Of Participation

This is to certifythat Mr./Miss./Mrs.

studying

successfully completed in . Antinum antukion "

Organized by Department of Chemistry, Government Degree College, Pattikonda,

Kurnool(Dt) held from 31/11/2019 to 8/01/2020



GOVTENEDE GOLLEGE PATTIKON DIST A P

### Register of Attendance

Centificate Cource Attendance Register

### JBW/

From CHENNAI 2019-201 A.y. 2020-21

Name Tally course Attendence

Standard DEPARTMENT OF COMMERCE
Town or Village ATTIKONDA, Kurnool Dist

Range & Distract

### **GOVERNMENT DEGREE COLLEGE, PATTIKONDA**

### Department Of Commerce Minutes of the Department Meeting for the conduct of Certificate Course in Tally

Date: 01.10.2020

The Department of Commerce, a pioneer in meeting the needs of students, has decided to be a trailblazer for our College's graduating students. The job market, particularly in the financial area, has been booming, and fresh graduates with Tally knowledge are in high demand. The Department of Commerce has taken the initiative to conduct a Certificate Course in Tally, with the simple goal of providing necessary hands on knowledge on Tally to outgoing students.

On the 1st October, 2020, the Department of Commerce had a meeting with its members on the College premises. The meeting was chaired by the Head of the Department, T Ganagadhar, and the lecturers in Commerce H.Purushothamayya and U Chandra Sekhar are present. The Department unanimously resolved to organize the Certificate Course in Tally for our College's outgoing final year Degree students under the chairmanship of the Head of Department and under the direction of the principal. It was resolved that the Certificate Course will be held for 45 days. It was also decided to focus more on students from rural backgrounds, and their medium of instruction is Telugu.

3. Sri U Chandra Sekhar , Lecturer in Commerce : 6. Clus

DEPARTMENT OF COMMERCE Govt. Degree College,

### GOVERNMENT DEGREE COLLEGE, PATTIKONDA PROPOSAL FOR THE INTRODUCTION OF CERTIFICATE COURSE IN TALLY

DATE: 2-10-2020

From, T Gangadhar, Lecturer in Commerce, Head of Department Govt. Degree College Pattikonda.

To, The Principal, Govt. Degree College Pattikonda

Respected Sir,

I'd like to make a proposal to you regarding the introduction of a Tally Certificate Course for our College's final year degree students. The Department of Commerce has been increasingly aware of the requirements of departing students. From the lowest to the greatest levels of employment, Knowledge in Tally has become the important factor for the commerce students. With all of these considerations in mind, the Department of commerce would like to launch the course.

The details or the program are

1. Name of the proposed program

2. Duration and timings of the program

3. Start date of the program

4. Course fee

5. No, of students expected for admission

: Tally:

: 45 days: 2:30 pm to 4:00pm

06.10.2020 to 30 NOV 2020.

: Nil

:40

Yours faithfully

Head of Department (commerce)

**I. GANGADHAR** 

Govt Degree College,
PATTIKONDA Kurnool Dist.

### GOVERNMENT DEGREE COLLEGE, PATTIKONDA.

### DEPARTMENT OF COMMERCE

### Circular

Date: 03-10-2020

All the B.Com students are hereby informed that the Department of Commerce is going to start a certificate course in 'Tally'. The duration of the course is 45 days. Students need not pay any fee for the course. The classes will commence from 06-10-2020. Interested students are required to register their names in the commerce Department. After successful completion of the course certificate will be provided to the students.

Coordinator

(T Ganagadhar)

T. GANGADHAR Lecturer in Commerce

Govt. Degree College. PATTIKONDA. Kurnool Dist.

Copy to the Library Notice Board

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Copy for Circulation among the Students

### Government Degree College, Pattikonda.

### **Department of Commerce**

### Final Report of Certification Course in commerce

Department of Commerce, under the guidance of the Principal came up with idea of Tally for the students of the College. The Department of commerce has made a humble beginning to impart and enrich the students with hands on tally by conducting a certificate course in Tally for the duration of 45 days. As it was resolved earlier, the main thrust of the course was to inculcate knowledge in Tally for the out-going students. The basic structure of the course is prepared keeping in view the needs of the final year students. The said Course was started on 06.10.2020 and completed on 06.12.2020.

The response from the students was overwhelming. In its introductory session the Seminar Hall was jam-packed and students enthusiastically wanted to be the part of it. the principal, addressed the students intimating them about the importance of Technology in social and corporate realms. He also appreciated the effort of commerce Department and congratulated Sri T Gangadhar, HOD, Commerce Department, who was the guiding force behind the entire course. The number of students attended the Course was good. 20 Students regularly attended the Classes conducted from 2.30 P M to 4.00 PM.

The sessions were interactive, informative and interesting. The usage of hands on, videos, hand-outs, seminars, quiz's, suggestive books and interesting worksheets helped the students to grasp the tips to learn and understand Tally. There were brain-storming sessions, debates, group activities and impromptu presentations which enhanced the confidence level of the students. The Course ran its entire course of 45 days and also took informal inputs from the students for making the course better next time.

After the successful completion of the said Certificate course, a valedictory function was held on 6<sup>th</sup> December 2020. The Principal of the College, graced the occasion. The meeting was presided over by the HOD (commerce),

Sri T Gangadhar. In his opening remarks, the Head of the Department explained the need and necessity of introducing the Certificate course. The Principal advised the students to make use of the in-puts given by the Department of commerce. Certificates were distributed to the all 20 students.

At the end of program Sri U Chandra Sekhar, Lecturer in commerce, proposed the vote of thanks.

Head of the Department

(T Ganagadhar)

Lecturer in Commerce
Govt. Degree College,
PATTIKONDA. Kurnool Dist



Tally.ERP 9 at a Glance

### syllabus

Accounting – It is the most important feature of Tally ERP, the very first thing that comes to anyone's mind after listening about Tally is Accounting.

Billing – Billing is a significant part of any business. As and when you pass an accounting entry synchronously a bill is generated which you can use for raising or sending an invoice. Most people believe that Billing is a part of Accounting which is not true when it comes to business. Billing Option present in Tally eliminates the task of entering separate accounting.

Payroll – This feature can be used when you have a good number of employees. To maintain Payroll in Tally, functions such as employee groups, employee categories, pay heads, attendance, and course employees are used.

Banking – In this era of digitalization, no business can survive without Banking. With the help of Tally ERP, TDS GST both direct and indirect tax can be calculated automatically and its returns will be also be filed online.

Taxation – For any business to survive it shouldn't operate in isolation. The Business should work in cooperation with State as well as Central Government by paying appropriate Taxes. Calculation of Taxes based on the income, sale, and dispatch is quite hectic. Tally makes it easy for you to prepare any bill or invoice as it can give VAT, Income Tax, Excise, Customs, Service tax, etc.

Inventory – Maintenance of Stock is of utmost importance for any business. It's vital as it gives better control over business sales. Thus, the movement of stock is an integral part that can be kept in control.

Head of the Department

DEPARTMENT OF COMMERCE
G. (T Ganagadhar)ge,
PATTIKUNDA, KUTNOOI Dist

Name of the Students Enrolled for Tally Certificate course				
S.No	Admi No.	Name of the Students	100	100 N 200 32 N 32 N 32 N 32 N 32 N 32 N 3
1	5304	THE STREET STREET	clsass	Signature of the Student
2	5305	B.C.Rammohan	I B Com	B. C. Rammohan
3	5306	S.Sai Viswanath	I B Com	S. Sai viswariath
100	-	E.Rajesh	I B Com	-1 Rajesh
4	5308	S.Khasmi Vali	I B Com	- way 80
5	5309	B.Prakash		S. Khasm Yalk
6	5310	TO SERVICE STATE OF THE SERVIC	I B Com	B. prokosh
7	5312		II B Com	k. sulaclana
8		S.Mansoor Basha	II B Com	S. marchan Bash
97	5300	M.Mastan	II B Com	M. Mastan
9	5301	K.Sarojamma (W)	III B Com	
10	5302	S.Surendra		K. SOYOWHNA
11	5303		III B Com	S. Surendra
12	5374	M.Sai Meghana (W) G.Madhu	III B Com	M. sai Heghana
13	5276		III B Com	G. madhu
14	5277	G.Gopala Krishna M.Manohar	BA	a aspela, recishing
15	5359	B.Urukundu	BA	M. Madhu
16	5361	K.Praveen Kumar	B SC MPC	15 Uruteunalin
17	5372	K.Hareesh	B SC MPCS	K. praveen kumar
18	5373	M.Babafiroz	B SC MPCS	K. Hareesh
19	5375	T.Mohammad Makthum Vali	B SC MPCS	The state of the s
20	5362	J.Govindu Naik	B SC MPCS	I Government watcher
21	5368	U.SriJyothika (W)	B SC MPCS	J. Govinsky Naik U. stijyothika
22	5364	V.Venkatesh	B SC MPCS	V. Venkatesh
23	5365	S.Mastan Vali	B SC MPCS	5. mastan Vali
24	5366	K.Jagadesh	B SC MPCS	In Tagadesh
25	5367	B.Lakshmi Prasanna (W)	B SC MPCS	B. Lakshi prasam

v fanGash. Signature of the In Charge

T. GANGADHAR Lecturer in Commerce Govt Degree College,

EPARTMENT OF COMMERCE Gove Degree College,

DEPARTMENT OF COMMERCE Govt Depree College,

72.2

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SEVE DEGREE COLORS

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### GOVERNMENT DEGREE COLLEGE, PATTIKONDA PROPOSAL FOR THE INTRODUCTION OF CERTIFICATE COURSE IN MODERN PRINCIPLES AND TECHNOLOGIES OF ARCHEOLOGY

DATE: 10-11-2019

From V Krishnaiah, Lecturer in History, Head of Department Govt. Degree College Pattikonda, Kumool (Dt). To The Principal, Govt. Degree College, Pattikonda Kurnool (Dt),

Respected Sir.

I would want to suggest that our college hold a certificate programme BA., HEP The demands of departing students are now more regularly communicated to the Department of History. From the lowest to the highest levels of employment, Skills has become useful students. The Department of History is excited to start the course considering all of these factors.

The details or the program are

Name of the proposed program : Certificate Course

2. Duration and timings of the program : 30 days

Start date of the program : November 20,2019

4. Course fee : Nil 5. No of students expected for admission : 20

Yours faithfully

GOVI DEGREE COLLEGE,

PATTIKONDA Kurnool Dist.

GOVERNMENT DEGREE COLLEGE, PATTIKONDA

Department Of History

Minutes of the Department meeting for the conduct of

Certificate Course in Modern principles and technologies of Archeology

Date: 20-11-2019

The Department of History, a leader in eatering to student needs, has made the decision to widen opportunities for individuals graduating from our college. There is a considerable need for new graduates with employability skills due to the expanding job market, which has been particularly visible in the Banking Sector. With the straightforward objective of equipping graduating students with the requisite practical Knowledge and abilities, the Department of History has

taken the initiative to provide a Certificate Course Modern principles and technology of

Archeology.

On 19-09-2019, the Department of History held a meeting with its members on the College's property. The conference was led by the department head, V.Krishnaiah, and attended by, Venkata Narsaiah, and Sri jayachandra, lecturers in Economics. The Department unanimously decided to organize the Certificate Course Modern principles and technology of Archeology for degree-seeking students at our college, with the lecturers serving as the course instructors and the

Department Head serving as chairman. As promised, the Certificate Course would span 45 days.

1. Sri V.Krishnaiah, Head of the Department

2. Sri Dr. Venkata Narsaiah, Lecturer in Political Science

3. Sri Jayachandra, Lecturer in Economics

1

PATTIKONDA-518 380

Kurnool Dist A P

### Government DEGREE COLLEGE, PATTIKONDA. DEPARTMENT OF HISTORY

### Circular

Date: 13-11-2019

All the BA., HEP final year degree students are hereby informed that the Department of History is going to start a certificate course in Modern principles and technologies of Archeology. The duration of the course is 45 days. Students need not pay any fee for the course. The classes will commence from November 20,2019 to January 5,2020. Interested students are required to register their names in the History Department. After successful completion of the course certificate will be provided to the students. V. Krishmaiah

> Coordinator Lecturer in histroy, GOVT DEGREE COLLEGE PATTIKONDA, Kurnoci Dist.

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### Syllabus

# Modern principles and technologies of Archeology

Unit-1

Definition Nature and scope of Archaeology Relationship of Archaeology with social and nature science-Application of Digital Technology in Archaeology

GIS and satellite Imagery-computers the Internet

Unit-11

Retrieval of Archaeological data Techniques of Exploration Excavation-study of maps-Aerial survy-photogropy water Exploration-tools of Archaeology

Unit-III

Chronology-relative chronology-radiocarbon Dating-principles of conservation Preservation and Documentation of Archaeological antiquities.

### Model question paper (2019-20)

# Modern principles and technologies of Archeology

Time 01:30

Maximum marks :50

# Answer any 3 questions (3x10)

- 1. Definition nature of and scope of archaeology?
- 2. Write about relationship of Archaeology with social and natural science
- 3. Write about application of Digital technology in archaeology
- 4. Write techniques of exploration, Excavation, and study maps'
- II Answer any four Questions 4x5=20
- 1.GIS and Satellite imaginary
- 2.Aerial survey
- 3. Water Exploration '
- 4.Principles of conservation
- 5.Radio carbon dating
- 6.Tools of Archaeology

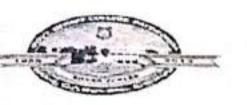
# Students List Registered For 2019-20

S.No	NAME OF THE STUDENT	
1	A.Ravi Kumar	
2	B.Ultheppa	
3	B.Swathi	
4	C.Ashok	
5	G.Radhamma	
6	K.Karthik	
7	K.Arshiya	
8	K.Harikrishna	
9	M.Vinash	
10	M.Rangaswamy	
11	M.Sekhar	
12	P.Imam Bee	
13	P.Kasivishwanath	
14	T.Siva Kumar	
15	Y.Anitha	
16	K.Anjaneyulu	
17	M.Sanjeevakarna	
18	N.Lokesh Naik	
19	U.Naresh	
20	U.Shantha Kumar	

1

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1	A.Ravi Kumar	V		x	x	V	1	-		77	_		-	1									-		-
2	B.UItheppa	10				X	1	X	1000	X	×	100	×	1	×	×	X	×	×	1		X	X	X	1
3	B.Swathi			4	×	×	1	X	X	X	X		×	11	×	X	×	x	X			*	×	1	1
4	C.Ashok		0	1	X	Y	+	X	- X	X	Х	X	×	11	X	y	V.	×	x	1		1	1 x	100	1
5	G.Radhamma			4	X	X	-	7	X	X	×	X	X	11	17	14	×	X	X	13		wit.	**	V	12
6	K.Karthik	1		1	× 1	×	+		O	Y.	- 1	*	X.	11	7	1	10	X	X	9		1	1 0	×	1
7	K.Arshiya	×	+3	× '	×	*	+	-X	N	X.	×	×	×	11	1	cly		X	X	0		×	1	V	13
8	K.Harikrishna		13	1	1	х.,	+	X	X	X.	X	×	x		X	X	X	1x	7	1		X	×	X	IX
9	M.Vinash	1			¥ -	*	P	1	-	-	X	X	×	7	Y	X	l x	La	14	li		×	100	TU	. 2
10	M.Rangaswa my	×	1		×	Х	7	X	X	7 4	×	X	x	9	*	X		-	×	Soft	7		-	~	
11	M.Sekhar	×	×	0	1		1			-			20	9	1 2	1.		X	X	N	8	X	X	Q	1>
2	P.Imam Bee	X	_		$\overline{}$	1	1	4	-	4	X	R	X	1	X		X	X	X	7	7	X	X	X	1
3	P.Kasivishwa nath		X	1	T.	X	1	X	*	× .	X	>	Y.	स	X	x		X	×	pro	1	×	X	×	X
4	T.Siva Kumar	×	12	11	1	1	-		X	7	1	X	X		X	u	X	X	X	0	3	X	X	X	f
5	Y.Anitha	×	*	7	10	4	7		X.	X.	X	X	X	-	X	X	X	X	X	2000	V	×	X		7
6	K.Anjaneyulu	X	×	X	1	1	_	_	1	-	X	X	X	1	X	X	7	X	X	T		X	V	×	-
9		X	-	X	1	X-	1	8	X :	*	8	X	X.		X	×	X	X	×		1	1	5	X	X
7		k	0	×	14		17	5	1	1	X	X	х		×	X	X	X	x			a	1	×	X
8	N.Lokesh Naik	X	×	×	)	4	,	х,	4. 0	2	×	×	x	1	×	×	×	×	火		+	X	×	X	>
9	U.Naresh	×	X	x	X		×		-	-	54			+	-	-	-	1	1			1	3	X	X
,	U Shantha	X	×	X	X		1		× ×					1	X	X	X	Х,	X	1	1/3	X	X	Ж	2
4	Kumar	1	-	)T		Ι.	1		1	17	1	X	X	1	X	X	X	V	X			X	X	X	X

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Names of the Students	24	25	26	27	28	29	30	31	32	3.	3.				38	39	40	41	42	43	44
A.Ravi Kumar	×	X		X	×	×	×	×	1 2	1,	1 9	1									
B.Ultheppa	×	×	1	×	X	×	X	×	x	11	4	13	T								
B.Swathi	×	1		7		×	7			11	1×	14									
C.Ashok	X	X		1	-	X				$\Box$	X	X									_
G.Radhamma	×	x		X	a	X	-	X	-		4	X									
K.Karthik	K	K		X	14	×	×	×			X		-								
K.Arshiya	K	×		1 X	X	4	×	X	×		~	1 %									
K.Harikrishna	K	x		X	14	1×	-	X	×		×	12									
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M.Sekhar	X	X	A	×	X	×	a	X	X	1	×	X	10					_	_		_
P.Imam Bee	I.	X	1	X	X	м	×	×	×	5	×	X	13						_		
P.Kasivishwa nath	×	X	5	x	X	X	X	x	×	01	Х	X	cy								
T.Siva Kumar	1×	X	-	X	X	X	×	X	×	$\perp$	X	X					_	-	-	-	
Y.Anitha	X	X		X	X	Х	X	X	X		X	X				_	-	_	_	_	
K.Anjaneyulu	×	X		X	X	X	x	X	70		×	X		_			1				
M.Sanjeevaka rna	×	a		×	×	×	X	×	x		a	×									
N.Lokesh Naik	X	X		K	×	X	×	×	x		×	X									
U.Naresh	1%	X		75	X	X	X	×	X		X	a									
U.Shantha Kumar	X	×		×	×	٧.	X	×	×	100	×	×	,							1	



Coordinator

# GOVRENMENT DEGREE COLLEGE

PATTIKONDA, KURNOOL-518380, A.P. AFFILIATED TO RAYALASEEMA UNIVERSITY (RU) KURNOOL RE-ACCREDITED BY NAAC WITH 'B' GRADE

Dep	artme	nt of	
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# Certificate Of Participation

Organized by Department of, Government Degree Colle		successfully	completed '			,
Pattikonda, Kurnool(Dt) held fromto	1,475			Government	Degree	College
	Pattikonda, Kurnool(Dt) he	ld from				

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# GOVERNMENT DEGREE COLLEGE::PATTIKONDA **DEPARTMENT OF PHYSICS CERTIFICATE COURSE** ON REFRIGIRATOR-SERVICE 2019-20

### GOVERNMENT DEGREE COLLEGE, PATTIKONDA

# Department Of PHYSICS

# Minutes of the Department meeting for the conduct of Certificate Course on REFRIGIRATOR SERVICE

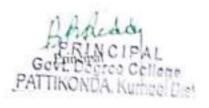
Date:01.08.2019

The Department of Physics, a leader in catering to student needs, has made the decision to widen opportunities for individuals graduating from our College. There is a considerable need for new graduates with technical skills due to the expanding job market, which has been particularly visible in the private sector. With the straightforward objective of equipping graduating students with the requisite practical and technical abilities, the Department of Physics has taken the initiative to provide a Certificate Course in REFRIGIRATOR SERVICE.

On 01.08.2019, the Department of Physics held a meeting with its members on the College's property. The conference was led by the department head, Sri.A.Ravisankar Sharma, and attended by, Dr.G.Srinivasulu, in the laboratory, The Department unanimously decided to organize the Certificate Course on REFRIGIRATOR SERVICE for degree-seeking students at our College, with the lecturers serving as the course instructors and the Department Head serving as chairman. As promised, the Certificate Course would span 20 days.

1. Sri.A.Ravisankar Sharma, Head of the Departments:

2. Dr.G.Srinivasulu, Lecturer in Physics :



# GOVERNMENT DEGREE COLLEGE, PATTIKONDA PROPOSAL FOR THE INTRODUCTION OF CERTIFICATE COURSE IN REFRIGIRATOR SERVICE

DATE: 03.08.2019

From

Sri.A.Ravisankar Sharma, Lecturer in Physics, Head of Department Govt. Degree College Pattikonda, Kumool (Dt), To

The Principal,

Govt. Degree College, Pattikonda

Kurnool (Dt),

Respected Sir,

I would want to suggest that our college hold a certificate programme on "REFRIGRATOR-SERVICE"The demands of departing students are now more regularly communicated to the Department of Physics. From the lowest to the highest levels of employment, this Programme has become essential to the students. The Department of Physics is excited to start the course taking into account all of these factors.

The details or the program are

1. Name of the proposed program : CERTIFICATE COURSE

2. Duration and timings of the program : 45 DAYS

3. Start date of the program : 13.08.2019

4. Course fee : Rs.00

5. No, of students expected for admission : 20

Yours faithfully

Continent or raysics

Pattikonda

### GOVERNMENT DEGREE COLLEGE, PATTIKONDA.

### DEPARTMENT OF PHYSICS

Circular

Date:10.08.2019

All the B.Sc. M.P.Cs Second year degree students are hereby informed that the Department of Physics is going to start a certificate course in REFRIGIRATOR SERVICE. The duration of the course is 20 days. Students need not pay any fee for the course. The classes will commence from 13.08.2019. Interested students are required to register their names in the Physics Department. After successful completion of the course certificate will be provided to the students.

Coordinator

+Dr G Srinivasulu

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# Students List Registered For REFRIGIRATOR SERVICE 2018-19

S.No	NAME OF THE STUDENT
1	A.SRINIVASULU
2	B.MAHESH BABU
3	G.SASI KUMAR
4	K.SATISH
5	K.MALLIKARJUNA
6	L.RAJASEKHAR
7	M.RAJESH
8	P.SIVASANKAR PRASAD
9	P.RAJESH KUMAR
10	P.SANDHYA
11	R.RAVI TEJA
12	S.RAMESH
13	P.NEELA KANTA
14	Y.SRIRANGADU
15	Y.SRIKANTH
16	A.DADAVALI
17	D.UPENDRA
18	D.LOKESU
19	D.RANGASWAMY
20	G.RUVENDRA

Losdinetor

# REFRIGIRATOR SERVICE SYLLABUS AND COURSE OUTCOMES

# Training outcomes:-

At the end of the training, the candidates will be able to

- 1. Appreciate the importance of embarking on self-employment and has developed the confidence and personal skills for the same.
- 2. Indentify business opportunities in chosen sector / sub-sector and plan and
- 3. Start a small business enterprise by liaising with different stake holders
- 4. Effectively manage small business enterprise
- 5. Understand the Fundamentals of Electrical equipments, electricity, current, voltage, power and circuits of different capacity motors.
- 6. Perform House wiring / Hospital Wiring / Office /Go-down wiring etc.
- 7. Identify the cable sizes and perform cable jointing

### Syllabus:-

- 1. CandidateisclearlyabletodifferentiatebetweenWageemployment,SelfemploymentandEntrepreneurship
- 2. Understand, appreciate and develop the self-confidence for embarking oneselfemployment/entrepreneurship.
- Understandandinternalizeentrepreneurialcompetenciesandknowtheirimportanceforbecomi ngasuccessful entrepreneur.
- 4. Trainee is able to understand the legal and regulatory aspects of launching an enterprise.
- 5. Traineelsabletoappreciateneedforcontinuousgrowthandexpansionofanenterprise

# Model question paper (2018-19)

# REFRIGIRATOR SERVICE Certificate Course

Time 01:30 Hrs

Maximum Marks :50

Each ques	tion caries	8	marks	(8*5)
-----------	-------------	---	-------	-------

- 1. Do the lights dim when appliances work?
- 2. Have you never upgraded your electrical service?
- 3. What are the essential precautions at service break?
- 4. What are AC and DC supply?
- 5. What is M.C.B?

Ampere

Each	question	carries	one	mark	(1*1	0
------	----------	---------	-----	------	------	---

1.	is the Electricians knife,
	Double blade
(B)	Cutter
(C)	Blade
(D)	Tester
2.	Electric Wire usually made of
	Tin
(B)	Steel
(C)	Copper
(D)	Iron
3.	Which effect of current applied in ceiling fan?
	Heating
(B)	Chemical
(C)	Magnetic
(D)	Gas Ionization
4.	Unit of Electrical Resistance?
(A)	Volt
(B)	Ohm
(C)	Watt
(D)	Ampere





# GOVRENMENT DEGREE COLLEGE

AFFILIATED TO RAYALASEEMA UNIVERSITY (RU) KURNOOL PATTIKONDA, KURNOOL-518380, A.P. RE-ACCREDITED BY NAAC WITH B' GRADE

DEPARTMENT OF PHYSICS



This is to certify that Mr./Miss.A.SRINIVASULU studying II B.Sc. M.P.Cs successfully

Completed 'REFRIGIRATOR SERVICE' Organized by Department of Physics, Government Degree College,

Pattikonda,

Kurnool (DT) held from 13.08.2019 to 28.09.2019.



Coordinator

# Government Degree College, Pattikonda

# Department of Physics

# Final Report of Certification Course in REFRIGIRATOR SERVICE

REFRIGIRATOR SERVICE was developed by the Department of Physics with the help of the Principal, Dr. B.Purushotam Reddy, for the College's students. By offering a certificate course in REFRIGIRATOR SERVICE for 45 days, the Department of Physics has made a modest start in its effort to teach and enhance the students with practical knowledge of the House wiring. The primary goal of the course, as previously decided, was to impart House wiring knowledge to the departing pupils. The demands of the final year students are taken into consideration when creating the course's fundamental framework. The aforementioned course began on August 13, 2019, and ended on 28 september, 2019. The pupils' response was very positive. The Seminar Hall was crowded with eager students for its first presentation.

The principal, Dr. B.Purushotam Reddy, spoke to the students and informed them of the significance of technology in both the social and business spheres. He also praised the work of the department of business and complimented Sri A.RAVISANKAR SHARMA, HOD, who served as the course's architect. The course had a high turnout of students. Regular attendance for the classes, which ran from 04.00 PM to 6:00 PM, was 20 students.

The sessions were engaging, educational, and fascinating. The students were able to comprehend how to learn and understand House wiring with the use of hands-on activities, films, handouts, seminars, quizzes, suggested books, and engaging exercises. The pupils' confidence level was raised via brainstorming sessions, discussions, group exercises, and impromptu presentations. The complete course took place .The Course ran its entire course of 20 days and also took informal inputs from the students for making the course better next time.

After the successful completion of the said Certificate course, a valedictory function was held on 28th september 2019. The Principal of the College, Dr. B. Purushotam Reddy, graced the occasion. The meeting was presided over by the HOD (Physics), Sri A.Ravisankar sharma. At the end of program Dr.G. Srinivasulu, Lecturer in Physics, proposed the vote of thanks,

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# Government Degree College

Pattikonda, Kurnool (Dt).

# Department of English



A Certificate course in

Daily use English Sentences with

Telugu Meaning

for the year-2019-20

# Government Degree College, Pattikonda

2019-20 -Proposal for the Introduction of Certificate

Course in

# Daily Use English Sentences with Telugu Meaning

Date: 01-10-2019

From Malli babu, Lecturer in English, Head of Department Govt. Degree College Pattikonda, Kurnool (Dt).

To The Principal, Govt. Degree College, Pattikonda Kurnool (Dt).

Respected Sir,

The Department of English will hold a certificate course in Daily Use English Sentences with Telugu Meaning. The course is in response to the demand of departing students. Communication skills are now regularly communicated from the lowest to the highest levels of employment. Spoken English and grammar are beneficial to students. The Department of English is enthusiastic about starting the course, considering all of these factors. Details of the program will be provided.

1. Name of the proposed program

: A Certificate course in Daily Use English Sentences with Telugu Meaning

Duration and timings of the program : 48 days

: October16, 2019 3. Start date of the program

: free 4. Course fee

5. No, of students expected for admission: 40

ours faithfully

DEPARTMENT OF ENGLISH Govt. Degree College, PATTIKONDA, Kurnogi (Pist).



# GOVERNMENT DEGREE COLLEGE, PATTIKONDA

Department Of English

Minutes of the Department Meeting For the Conduct Of

Certificate Course in

Daily Use English Sentences With

Telugu Meaning

Date: 05-10-2019

The English department, a leader in meeting the students' needs, has decided to increase the number opportunities of college students. In this globalised world there is a significant need for the outgoing students with effective spoken English, grammar, vocabulary and sentence construction skills. So the Department of English has taken the initiative to offer a Certificate Course in Communication Skills with the simple goal of giving graduating students the necessary practical English grammar and speaking skills.

The Department of English met with its members on the College's property on 16/10/2019. The Depart ment unanimously decided to set up the Certificate Course in communicationskills for degreeseeking students at our College, with the lecturers serving as course instructors and the Department Head acting as chairman. The conference was presided over by department head Mallibabu. The Certificate Course would last 45 days as promised.

1. Sri Malli babu , Head of the Department

Govt. Degree College, PATTIKONDA. Kurnool (Dist). n. pmy



# Government Degree College, Pattikonda. Department of English

Date: 05-10-2019

# Circular

English Department is starting a certificate course in Daily Use English Sentences with Telugu Meaning for the duration of the course, which will last 40 days. There is no fee required for the course, and classes will commence on October 16th, 2019. If you're interested in enrolling, please register your name with the department soon! After successfully completing the course, you'll receive a certificate.

Coordinator

Govt. Degree College, PATTIKONDA. Kurnool (Dist).

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# Model Question Paper (2019-20)

# A Certificate Course in Communication Skills

7ime 01:30

A. SVA B. SVOO C. SVOC D. SVO Maximum Marke: 50

1. Boys are playing in the ground	
A. SVO	
B. SVC	
C. SVA	
p. sv00	
2. Kalpana cooks very well	
A. SVA	
B. SVO	
C. SVC	
D. SVOC	
3. They made her my secretary	
A. SV00	
B. SVOC	
C. SVCA	
D. SVO	
4. Sentries have been posted all round the building	
A. SVO	
B. SVAA	
C. SVA	
D. SVC	
5. He is sleeping	
A. SV	
B. SVO	
c. svc	
D. SVA	
6. I teach him English	

7. India become independent in 1947	
A. SVOA	
B. SVA	
c. svoo	
D. SVAC	
8. She was a friendly person	
A. SVA	
B. SVO	
c. sv00	
D. SVC	
9. Tell me your name	
A. SVO	
B. SV	
c. voo	
D. SOC	
10. The boys are playing foot ball now	
A. SVOA	
B. SVC	
C. SVA	
D. SVOC	
11. I smell something burning	
A. SV	
B. SVOC	
c. svo	
D. SVOO	
12. She seems haughty	
A. SVC	
B. SVO	
C. SVA	
D. SVOA	
13. The Doctor gave him a shot	
A. SVOO	
B. SVOC	
C. SVA	
D. SVOA	

14. All women love	e jewels and silk saris
A. VS	
B. SVO	
C. SVAC	
D. SVA	
15. My sister spea	ks English very well
A. SOA	
B. SVO	
c. sv	
D. SVOA	
16. The doctor adv	vised him complete rest
A. SVOC	
B. SVCC	
C. SVOA	
D. SVOO	
17. Her dress app	ears new
A. SVA	
B. SV	
c. svc	
D. SVO	
18. I have finished	writing a book
A. SVOO	
B. SOC	
C. SVA	
D. SVO	
19. They felt the fl	oor vibrate
A. SVOC	
B. SVOO	
C. SVAC	
D. SVO	
20. I don't know hi	m
A. SOA	
B. SVO	
c. svoc	
D. SVOA	

ļ

21. Her dress appears new	
A. SVO	
B. SVC	
c. sv	
p. sVA	
22. Students asked the teacher many questions	
A. SVO	
B. 5V00	
c. svc	
o, svco	
23. He stole a car recently	
A. SVOA	
3. SV	
. SVAA	
o. SVA	
4. Vasumathi sings every morning	
L SV00	
I. SVAA	
. SVA	
o. svo	
5. Most of the women read novels	
. SV	
. svo	
. svc	
. SVA	
Discret GANGERSAN TO CONTRACT	

Thank you

Department of English

Government Degree College, Pattikonda Kurnool-AP-518380

Certificate course in daily use English sentences with Telugu meaning 2019-2020

Department of English

- Parts of Speech
- Sentence construction
- Tenses
- Importance of Vocabulary



# List of Students Registered for certificate course 2019-20 A Certificate Course in Daily Use English Sentences with Telugu Meaning

S.No	Hall Ticket Number	Name of the Students	Signature of the student
1	18110048004	K.Anjaneyulu	-Anjanyaly. Rajeth. Sanjavolcasua Rajosholas
2	18110048005	K.Rajesh	Rajerh.
3	18110048006	M.Sanjeevakarna	Sanjewoleanua
4	18110048007	M.Rajasekhar	Rajosheleir
5	18110048008	N.Lokesh Naik	larley hop.
6	18110048010	P.Venkatesh	renkat
7	18110048011	P.Kaseem Vali	valin
8	18110048012	T.Sreedhar	Laudas
9	18110048013	U.Naresh	About.
10	18110048015	U.Narendra	alosab.
11	18110048014	U.Shantha Kumar	Shoutha keuwar.
12	18110048002	B.Vijaya Kumar	Vijay.
13	18110048001	B.Mahesh	equiters.
14	18110048009	N.Upendra Naik	opendra.
15	18232048002	B.Siddaiah	Scoblaite
16	18232048003	B.Mahesh Babu	Baby.
17	18232048007	G.Rajkumar	Bahu
18	18232048008	H.Raj Kumar	lamar.
19	18232048010	M.Veeranjaneyulu	M. Vecrayeyel
20	18232048011	P.Shaikshavali	Vali
21	18232048012	V.Pavan	V. paray
22	18232048006	C.Murali	c. duali
23	18232048001	B.Nagabhaskar	alagabhaslas
24	18232048004	B.Edukondalu	B. Sdu kondale
25	18232048005	B.Surendra	B. Saranda

26	18232048013	D.Kalyan	D. Kalyzy
27	18232048009	H.Ramajaneyulu	Rangujanogeilas
28	18360048001	B.Rajasekhar	B. Roje.
29	18360048002	B.Govindarajulu	B. Govindes
30	18360048003	D.Jaffarvali	D. Jaffarrali
31	18360048005	G.T.Aparna	G. TApons
32	18360048008	K.Venkatesh	K. Veulcin
33	18360048009	M.Imam Hussain	M. Hyseis
34	18360048004	G.Rajasekhar	Gr. Rajselekas
35	18360048010	P.Ramesh	S. Famol
36	18360048012	S.Sahera Banu	S. Salus
37	18360048014	T.Manikanta Swamy	T. Clanilcante
38	18360048015	U.Ananthalakshmi	Augulta
39	18360048016	U.Umadevi	Doui
40	18369048006	K.Pavan Kumar	Favay.

PRINCIPAL
GOVT DEGREE COLLEGE
PATTIKONDA-518 380
Yurnool Dist A P

# Attendance Sheet 2019-20 Certificate Course in Daily Use English Sentences with Telugu Meaning

.No	Names of the Students	1	2	3	4	5	6	7	8	9	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	25
1	KAnjaneyulu	×	×	7	۵.	×	×	34	×	74.	×	×	*	R	×	*	×	×	K	a	×	×	×	×	×	×	×	×	×
1	K.Rajesh	×	74	×	x	O.	N.	N	V	4	×	×	v	X	X	V	a	4	V	4	×	4	1	V	X	a	3	V	4
3	M.Sanjeevakarna	X	×	0.	X	~	×	文	×	×	×	a.	7	X	*	×	1	X	X	X	X	0	X	X	×	X	X	-	10
4	M.Rajasekhar	n.	20	×	×	a	X	X	×	×	×	×	V	Ø.	X	×	×	X	×	X	a	X	×	×	×	X	X	5	6
5	N.Lokesh Natk	×	O.	×	Y.	×	1	×	200	a	×	×	4	×	X	×	30	X	-	1	X		×	a	X	X	x	×	0
6	P.Venkatesh	X	4	×	V	173	×	×	×	×	X	×	Y	×	×	×	1	×	V	X	X	V	X	V	×	a	×	2	7
7	P.Kaseem Vali	y	0	×	X	X	×	K	×	X	X	X	A	X	×	X	×	X	a	X	X	Y	×	×	X	×	X	4	×
8	T.Sreedhar	0	X	Y	×	×	X	×	×	×	X	×	X	×	×	×	30	Y	×	×	×	X	X	0	2	×	×	2	2
9	U.Naresh	X	X	×	×	X	X	×	×	×	a	×	×	×	×	×	×	0	X	V	X	V	V	V	X	×	×	×	0
10	U.Narendra	X	X	×	X	X	×	O	×	×	×	×	X	4	×	×	×	K	0	X	X	×	X	×	X	4	X	V	V
-11	U.Shantha Kumar	X	X	×	×	X	X	X	X	X	a	×	X	×	7	×	X	X	×	ON	X	X	X	×	×	×	V	×	Y
12	B.Vijaya Kumar	X	×	X	×	X	X	X	X	X	O.	X	X	X	×	X	X	X	x	X	×	X	X	×	×	17	×	4	1
13	B.Mahesh	X	×	×	×	×	X	X	×	X.	X	X	X	Ø,		×	X	X	X	X	X	a	X	×	X	V	×	V	5
14	N.Upendra Naik	X	×	Х	×	×	1×	×	×	×	X	X	X	X	0,	×	×	X	X	×	X	4	X	×	×	Ŷ	×	30	~
1.5	B.Siddniah	X	×	×	×	X	X	a	×	×	X	X	X	×	X	×	V	X	a	×	X	×	X	)c	X	V	30	×	2
16	B.Mahesh Babu	×	Y	×	X	0	X	×	14	12	X	X	X	X.	×	×	V	×	V	X	x	×	a	X	×	V	×	V	V
17	G.Rajkumar	×	×	0	X	×	X	X	×	×	X	X	X	7	×	×	X	X	X	X	X	X	X	0	X	V	X	0	1
18	H.Raj Kumar	X	×	×	X	×	a	×	X	X	×	X	X	x	×	Y.	×	ON	×	X	×	×	X	X	×	×	X	Ŷ	V
19	M.Vecranjaneyulu		×	X	X	×	X	a	×	X	X	X	X	X	X	CA	X	×	X	X	X	X	×	×	×	×	V	1	Ŷ
20	P.Shaikshavali	X	ON	X	X	X	×	X	×	×	X	×	X	×	×	X	×	×	ON	×	×	×	O.	×	X	Ŷ	V	Y	V
21	V.Pavan	X	×	×	×	×	×	1	0	1 ×	×	W.	×	*	X	X	H	X	V	0	X	N	~	X	· S	1	4	0	0

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**************************************	H.Ramajaneyulu	>	7	×	X	1	4>	×	X	3 >	- 8	45					×	4	X.				×
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K.Pavan Kumar

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U.Umadevi

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S.Sahera Banu

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T.Manikanta

Swamy

M.Imam Hussain

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G.Rajasekhar

34

P.Ramesh

U.Ananthalakshmi

X

# Government Degree College, Pattikonda

# Department of English

# Final Report of Certificate Course in daily use English sentences with Telugu meaning

Everyday daily use English sentences with Telugu meaning Programme was developed by English department with the help of the Principal for college students. By offering the 48-day Certificate course in communication skills, the English Department has made a humble beginning in its efforts to teach and improve students' practical knowledge of accounting software. The main objective of the course, as decided earlier, was to impart English language skills to the departing students. The requirements of final year students are taken into account when creating the basic framework of the course. The above mentioned course started on 11.10.2018 and ended on 30.12.2018. The feedback from the students was very positive. The seminar hall was full of students waiting for their first presentation.

of students and knowledgeable them spoke to the The Principal, and enterprise spheres. the importance of generation in both the social He additionally praised the paintings of the department of English and complimented architect. the route's served as who HOD. babu. Sri.P. Malli scholars were able and fascinating. The The periods were attractive, academic, to recognize a way to study and understand English with the usage of armson sports, movies, handouts, seminars, quizzes, recommended books, andattractive physicalg ames. The pupils' confidence degree becomes raised through brainstorming classes, impromptu displays. and activities, discussions, organization sporting The complete direction tookplace; the course ranits complete direction of forty five days scholars for from the and additionally took informal inputs the direction higher next time. Upon the successful completion of the aforementioned Certificate programme, a farewell celebration was organized on the last day of the programme. The event was graced by the college's principal. B. Paul Raj, the HOD, presided over the meeting. The idea for a vote of gratitude came from other members.





# GOVERNMENT DEGREE COLLEGE, PATTIKONDA

PATTIKONDA, KURNOOL-518380, A.P.
AFFILIATED TO RAYALASEEMA UNIVERSITY (RU) KURNOOLRE-ACCREDITED BY NAAC WITH 'B' GRADE

# Department of English

Certificate of Participant

This is to certify that Mr./Miss./Mrs	studying	success fully
completed 'A Certificate Course in duity use English sentences with Telagu meaning 'Organ	leed by Deportment of English, Go	overnment Degree College,
Pattikonda, Kurnoci (Dt) held from 16-10-2019 to 15-12-2019.		

Coordinator

DEPARTMENT OF ENGLISH

Govt. Degree College,

PATTIKONDA. Kurnool (Dist).



DEPARTMENT OF ENGLISH
Govt. Degree College,
PATTIKONDA, Kurnool (Dist),

# Department Of Mathematics



# Certificate Course In Business Mathematics (2019-20)

### GOVERNMENT DEGREE COLLEGE, PATTIKONDA

# PROPOSAL FOR THE INTRODUCTION OF CERTIFICATE COURSE IN MATHEMATICS

DATE: 30/09/2019

From
Dr. K Appala Naidu,
Lecturer in Mathematics,
Head of Department
Govt. Degree College
Pattikonda,
Kurnool (Dt).

To The Principal, Govt. Degree College, Pattikonda Kurnool (Dt),

Respected Sir,

I would want to suggest that our college hold a certificate programme Business Mathematics the demands of departing students are now more regularly communicated to the Department of mathematics. From the lowest to the highest levels of employment, Business Mathematics has become fruitful to students. The Department of mathematics is excited to start the course taking into account all of these factors.

The details or the program are

Name of the proposed program : Business Mathematics

Duration and timings of the program : 45 Days

Start date of the program : 25 October 2019

Course fee : free
 No, ofstudents expected for admission : 25

Yours faithfully

Head of the Department(Mathematics)

DEPARTMENT OF MATHEMATICS
Gavt. Degree College,
PATTIKONDA. Kurnool (Dist).

PATTIKONDA-518 380 Kurnool Dist A P

GOVT DEGREE COLLEGE

Meeting -3 Dis solonian It is assolved to give possified works to be students so that they may complete them . lores Pres. for 1st, 111th, Ville Somestons students so that tions they may practise at home for unarring semister examinations It is proposed to stook a conditionic course in business mathematics from Ses ashelved to policiacia. LEGUETE DE PLANTE GOVE DECENTE COLLEGE PATTIACNOA-518080, Kurnool Det 9 10 11 18 12 19 9 16 0 17 1 19 2 20 21 11 1 12 1 13 2 14 21 15 22 16 23

DEPARTMENT OF MICHIGANICS
GOVI. Degree College,
PATTIKONDA. Kumool (Dist).

Government Degree College, Pattikonda

Department of Mathematics

Date: 30-09-2019

All the final year degree students are hereby informed that the Department of Mathematics is going to start a certificate course in Business Mathematics the duration of the course is 45 days. Students need not pay any fee for the course. The classes will commence from 25-10-2019. Interested students are required to register their names in Mathematics Department. After successful completion of the course certificate will be provided to the students.

Coordinator

DEPARTMENT OF MATHEMATICS
Govt. Degree College,
PATTIKONDA, Kurnool (Dist).

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## A Certificate Course in Business Mathematics SYLLABUS

## Unit 1: Financial Mathematics

- Time Value of Money: Future value, present value, annuities, and perpetuities
- Compound Interest: Compound interest formulas, effective interest rate, and applications in investment analysis
- Loan Amortization: Calculation of loan payments, interest, and principal components
- Bonds and Stocks: Bond pricing, yield to maturity, stock valuation methods (dividend discount model, price-earnings ratio)
- Risk and Return: Basic concepts of risk and return, portfolio diversification, risk measures (standard deviation, beta)

Unit 2: Data Analysis for Business Decision Making

- Descriptive Statistics: Measures of central tendency (mean, median, mode), measures
  of dispersion (variance, standard deviation), graphical representation of data
  (histograms, bar charts, pie charts)
- Probability: Basic concepts, probability rules, conditional probability, random variables
- Sampling and Estimation: Sampling techniques, sampling distributions, confidence intervals for population mean and proportion
- Hypothesis Testing: Hypothesis formulation, types of errors, significance level, pvalues, t-tests and z-tests
- Regression Analysis: Simple linear regression, interpretation of regression coefficients, coefficient of determination

These two units cover essential topics in Business Mathematics, providing a foundation for understanding financial calculations and data analysis in a business context. However, it's important to note that the depth and coverage of each topic may vary depending on the duration and intensity of the course. It's recommended to consult the specific syllabus of the institution or course provider offering the certificate program for more detailed information.

DEPARTMENT OF MATHEMATICS
Govt. Degree College,
PATTIKONDA, Kurnool (Dist).

## Model question paper (2019-20)

## Certificate Course in Business Mathematics

Time 02:00 Hrs Maximum Marks: 50

Section A: Multiple Choice Questions (2 marks each)

- Which of the following is not a measure of central tendency? a) Mean b) Median c)
   Mode d) Standard deviation
- If the selling price of an item is \$80 and the mark up percentage is 25%, what is the cost price? a) \$60 b) \$64 c) \$70 d) \$75
- If the interest rate is 8% per annum, what is the compound amount of \$5000 after 2 years, compounded annually? a) \$5400 b) \$5600 c) \$5800 d) \$6000
- 4. The demand equation for a product is given by Q = 1000 5P, where Q is the quantity demanded and P is the price. If the price is set at \$100, what is the quantity demanded? a) 500 b) 600 c) 700 d) 800
- A company's profit is given by the equation P = R C, where P is the profit, R is the revenue, and C is the cost. If the revenue is \$5000 and the cost is \$3000, what is the profit? a) \$2000 b) \$2500 c) \$3000 d) \$3500

Section B: Short Answer Questions (3 marks each)

- 1. Solve the equation 3x + 5 = 20.
- Calculate the present value of \$5000 received after 3 years, assuming a discount rate of 6% per annum.
- A company's sales increased from \$10,000 in 2019 to \$15,000 in 2020. What was the percentage increase in sales?
- 4. The profit margin of a product is 20%. If the selling price is \$100, what is the cost price?
- 5. A company's inventory turnover ratio is 6. If the cost of goods sold is \$500,000, what is the average inventory?

Section C: Calculation Problems (5 marks each)

- A company's revenue is given by the equation R = 5x + 10y, where x is the quantity
  of product X sold and y is the quantity of product Y sold. If x = 100 and y = 50,
  calculate the revenue.
- The monthly expenses of a business are given by the equation E = 1000 + 0.2x, where x is the number of units produced, If the number of units produced is 5000, calculate the monthly expenses.
- A car loan of \$20,000 is taken for 5 years at an annual interest rate of 8%. Calculate the monthly instalment using the equated monthly instalment (EMI) formula.
- The market price of a stock increased from \$50 to \$60. Calculate the percentage increase in the stock price.
- A company's total cost is given by the equation C = 2x^2 5x + 10, where x is the quantity produced. If the quantity produced is 100, calculate the total cost.

DEPARTMENT OF MATHEMATICS
GOVE, Degree College,
PATTIKONDA, Kurnool (Dist).

## List of students Registered for Business Mathematics 2019-20

S.No	Register Number	Admission Number	Name of the Students
1	173048068	5124	U.Swapna
2	173048057	5128	G.Thimmappa
3	173048069	5137	V.Shirisha
4	173048063	5141	M.Suresh
5	173048033	5143	B.Lakshmanna
6	173048043	5153	M.Thulasi
7	173048048	5156	P.Sandya
8	173048051	5160	T.Pavani
9	173048003	5084	A.Rajeswari
10	173048008	5088	B.Venkatesh
11	173048018	5103	M.Manasa
12	173048029	5112	Shaik Usenvali
13	173048023	5122	P.Imambi
14	172048020	5061	B.Giri Raju
15	172048001	5067	B.Suvarna
16	172048006	5072	K.Ravi
17	172048012	5075	M.Ramesh
18	172048014	5078	P.Sekhar
19	172048017	5083	V.Janardhan
20	172048010	5172	M.Naveen
21	171048001	5011	A.Ravi Kumar
22	171048004	5017	B.Swathi
23	171048013	5023	G.Radhamma
24	171048024	5032	M.Mareppa
25	171048031	5039	P.Ravi Kumar

DEPARTMENT OF MATHEMATICS
Govt. Degree College,
PATTIKONDA, Kurnool (Dist).



## Government Degree College

Affiliated to Rayalaseema University (RU) Kurnool Re-Accredited By NAAC with 'B' Grade Pattikonda, Kurnool-518380, A.P.

## Department of Mathematics

# Certificate Of Participation

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in Business Mathematics
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successfully com

is to certify that Mr./Miss./Mrs.

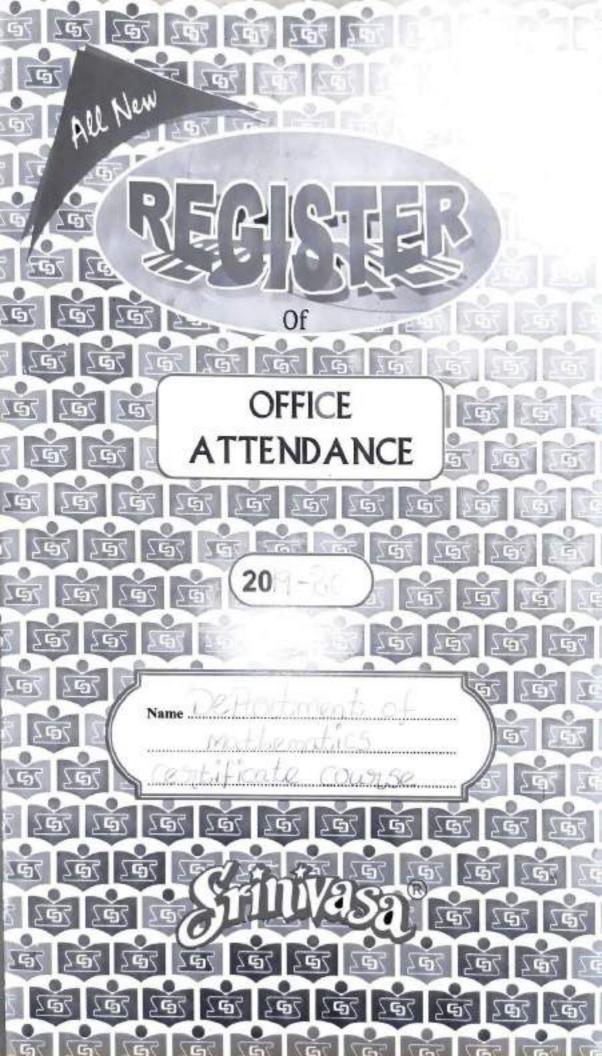
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studying

Department of Mathematics, Government Degree College, Pattikonda, Kurnool(Dt) held from 25-10-2019 to 20-12-2019.

Coordinator

Principal



1	1 2	be Of The Office		Attendance	Register	2019	
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## Government Degree College, Pattikonda Department of Mathematics

## Final Report of Certification Course in Critical Thinking & Problem Solving

Everyday Mathematics was developed by the Department of Mathematics with the help of the Principal, for the College's students. By offering a certificate course in Business Mathematics for 45 days, the Department of Mathematics has made a modest start in its effort to teach and enhance the students with practical knowledge. The primary goal of the course, as previously decided, was to impart Mathematics knowledge to the departing pupils. The demands of the final year students are taken into consideration when creating the course's fundamental framework. The aforementioned course began on October 25, 2019, and ended on December 20, 2019. The pupils' response was very positive. The Seminar Hall was crowded with eager students for its first presentation.

The principal, Dr. B Purusotham Reddy, spoke to the students and informed them of the significance of technology in both the daily life and Competitive life. He also praised the work of the department of Mathematics and complimented Dr. K Appala Naidu HOD, who served as the course's architect. The course had a high turnout of students. Regular attendance for the classes, which ran from 05.00 PM to 6:30 PM, was 25 students.

The sessions were engaging, educational, and fascinating. The students were able to comprehend how to learn and understand Mathematics with the use of hands-on activities, seminars, quizzes, suggested books, and engaging exercises. The pupils' confidence level was raised via brainstorming sessions, discussions, group exercises, and impromptu presentations. The complete course took place; The Course ran its entire course of 45 days and also took informal inputs from the students for making the course better next time.

After the successful completion of the said Certificate course, a valedictory function was held on 20th December 2019. The Principal of the College graced the occasion. The meeting was presided over by the HOD, Dr. K Appala Naidu. Vote of thanks was proposed by other members.

C. Appala needs DEPARTMENT OF MATHEMATICS Govt. Degree College,

PATTIKONDA, Kurnool (Dist).

PRINCIPAL
GOVT DEGREE COLLEGE
PATTIKONDA-518 380
'Surnool Dist A P-

## Government Degree College, Pattikonda

Pattikonda, Lurnool-518380, A.D.
Affiliated to Rayalascema University LurnoolRe- Accredited By NAAC with B' Gende

## Department of Political Science

A
Certificate Course in
Introduction to Political Science
2019-2020

## GOVERNMENT DEGREE COLLEGE, PATTIKONDA

## Department of Political Science

Minutes of the Department meeting for the conduct of Certificate Course in Introduction to Political Science

Date: 20-09-2020

The Departmentofpolitical science a leader in meeting student needs has decided to increase the number of opportunities available to College graduates. Due to the growing job market, which is especially evidentin the globalized sector, there is a significant need for recent graduates with political knowledge. The Department of Political science has taken the initiative to offer a Certificate Course in public Communication Skills with the simple goal of giving graduating students the necessary practical and public speaking skills.

The Department of Political science met with its members on the College's property on 20-09-2020 the

Department unanimously decided to set up the Certificate Course in communicatio nskills for degreeseeking students at our College, with the lecturers serving as ourse instructors and the Department Head acting as chairman. The conference was presided over by department head K.V.NARASAIAH the Certificate Course would last 45 days as promised.

1. Sri K.V.Narasaiah, Head of the Department :

PRINCIPAL.

PATTIKONDA-518380

Kuntool Dist A P

## Government Degree College, Pattikonda

Proposal for the Introduction of Certificate

## Course in

## 19-20 Introductions to Political Science

Date: 15-09-2020

From
Sri. K.V.Narasaiah,
Lecturer in Political Science,
Head of Department
Govt. Degree College
Pattikonda, Kurnool (Dt).

To
The Principal,
Govt. Degree College, Pattikonda
Kurnool (Dt).

Respected Sir,

The Department of political science will hold a certificate course in Introduction to Political Science. The course is in response to the demand of departing students. The Department of Political Science is enthusiastic about starting the course, considering all these factors. Details of the program will be provided.

Name of the proposed program : A Certificate course in Introduction to

 Political Science

2. Duration and timings of the program : 45 days

3. Start date of the program : 26-09-2020 to 11-11-2020

4. Course fee : free : free 5.No,of students expected for admission: 15

Yours faithfully

Head of Department Political Science

## Government Degree College, Pattikonda.

## **Department of Political Science**

Date: 06-09-2020

## Circular

Political Science Department is starting a certificate course in Introduction to Political Science for the duration of the course, which will last 45 days. There is no fee required for the course, and classes will commence on 26-09-2020. If you're interested in enrolling, please register your name with the department soon! After successfully completing the course, you'll receive a certificate.

Coordinator

Copy to the Library Notice Board Copy to the Notice Board Copy for Circulation among the Students

## List of Students Registered for Introduction to Political Science 2019-20

S.No	Name of the Students	Remarks
1	A.Ravi Kumar	
2	B.K.Suresh	
3	B.Mohan	
4	B.Prudhviraj	
5	B.Ultheppa	
6	B.Govindu	
7	B.Swathi	
8	C.Ashok	
9	C.Pawan Kumar	
10	G.Muni Swami	
11	G.Chennakesavulu	
12	G.Venkata Ramudu	
13	G.Radhamma	
14	H.Dharmendra	
15	K.Karthik	

## Attendance Sheet 2019-20 Certificate Course in Introduction to Political Science

S.No	Names of the Students	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	2
1	A.Ravi Kumar	x	x	x	A	х	x	X	x	x	x	x	x	A	х	x	x	x	X	X	x	x	X
2	B.K.Suresh	٨	х	X	A	x	X	X	X	X	x	x	X	A	х	X	X	x	х	X	X	X	1
3	B.Mohan	X	X	x	A	x	x	X	X	X	X	x	X	x	x	x	x	x	X	X	x	x	3
4	B.Prudhviraj	X	X	X	A	x	X	x	x	X	х	х	X	A	X	x	х	x	X	х	x	x	3
5	B.Ultheppa	A	X	X	A	x	X	X	x	X	X	x	X	x	x	х	X	X	X	X	x	x	X
6	B.Govindu	x	x	X	A	x	X	x	x	x	x	x	X	A	x	x	x	x	x	x	x	x	X
7	B.Swathi	X	X	X	٨	X	X	X	X	X	X	X	X	A	X	х	X	x	X	х	x	x	X
8	C.Ashok	х	X	X	A	х	X	x	X	X	X	Х	X	A	X	х	X	x	X	X	X	X	X
9	C.Pawan Kumar	A	х	X	A	Х	X	x	X	X	x	x	X	x	X	х	X	x	X	х	х	X	X
10	G.Muni Swami	X	х	X	A	x	х	x	X	X	X	X	X	A	X	х	X	х	X	X	X	X	X
11	G.Chennakesavulu	X	x	x	A	x	X	X	X	X	x	х	X	٨	X	Х	X	X	X	x	х	х	X
12	G.Venkata Ramudu	A	X	X	A	х	X	X	X	X	х	x	X	A	X	х	X	х	X	x	х	x	X
13	G.Radhamma	x	x	X	A	X	X	X	X	х	X	х	X	Λ	X	Х	X	X	X	x	X	X	X
14	H.Dharmendra	A	X	Х	A	x	X	X	X	X	x	x	X	A	X	x	x	X	x	X	X	x	X
15	K.Karthik	X	X	x	A	X	X	X	Х	X	X	x	X	A	X	Х	X	х	х	х	X	X	X



## Government Degree College, Pattikonda

Pattikonda, Kurnool-518380, A.P.

Affiliated to Rayalaseema University (RU) Kurnool-Re- Accredited By NAAC with 'B' Grade

## **Department of Political Science**

Certificate of Participant

This is to certify that Mr./Miss./Mrs. A.RAVI KLOMAR studying III B.A success fully completed 'A Certificate Course in Introduction to Political Science 'Organized by Department of Political Science, Government Degree College, Pattikanda, Kurnool (Dt) held from 25-89-2828 to 11-11-2828

Coordinator

Principal

## Government Degree College, Pattikonda

## A

## Certificate Course in Introduction to Political Science

Syllabus:

UNIT-01- Introduction to Political Science

>UNIT-02- State

## Model Question Paper (2019-20)

## A Certificate Course in Introduction to Political Science

Time 01:30

Maximum Marks: 50

## Answer the Following questions:

- , Define and explain scope of political science
- , Explain traditional approaches
- , piscuss features of state
- , Explain divine origin right theory
- , Importance of political science

## Government Degree College, Pattikonda

Department of Political Science

Final Report of Certificate Course

in

## INTRODUCTION TO POLITICAL SCIENCE

This Programme was developed by political science department with the help of the Principal for college students. By offering the 45-day Certificate course in introduction to political science

, the political science Department has made a humble beginning in its efforts to teach and improve students' practical knowledge. The requirements of final year students are taken into account when creating the basic framework of the course. The above mentioned course started on 26-09-2020 and ended on 11-11-20. The feedback from the students was very positive. The seminar hall was full of students waiting for their first presentation.

students and knowledgeable them of to the spoke and enterprise spheres. The Principal, social the importance of generation in both the He additionally praised the paintings of the department of political science and complimented Sri.K.V.NARASAIAH, HOD, who served as the route's architect. The periods were attractive, academicand fascinating. .The pupils' confidence de gree becomes raised through brainstorming classes, impromptu displays.

and discussions, organization sporting activities, The complete direction took place; the course ran its complete direction of forty five days and additionally took informal inputs from the scholars for making the direction higher next time. Upon the successful completion of the aforementioned Certificate programme, a farewell celebration was organized on the last day of the programme. The event was graced by the college's principal

## డిగ్రీ కళాశాల, పత్తికొండ

ತಲುಗು ಕಾಖ 2019-20

తెలుగు చందస్సు సర్టిఫికెట్ కోర్స్ నిర్వహించాలని తెలుగు శాఖ తీర్మానం.

తేది:28/08/2019

తెలుగు శాఖ ఆధ్వర్యం లో డిగ్రీ బీఏ, బికాం, బియన్స్ విద్యార్థులకు సర్ధిఫికట్ కోర్స్ నిర్వహించాలని తీర్మానించాము. అందులో భాగంగా చందస్సుకు సంబంధించి గురువు లఘువుల నిర్ధారణ యతి ప్రాస పద్యాలు మొదలగు అంకాలకు సంబంధించి సర్జిఫికెట్ కోర్స్ ను నిర్వహించాలని తీర్మానించుకున్నాము.

28-08-2019 కేదిన కెలుగు శాఖ ఆధ్వర్యం లో సమావేశం జరిగింది. ఈ సమావేశానికి అధ్యకులు గా అధ్యాపకులు కె.రామాంజనేయులు పాల్గోన్నారు. దీనిని కళాశాల ప్రిన్సిపాల్ గార ఆదేశాల మేరకు 📆 రోజుల కాలవ్యవధిలో సర్ధిపీకెట్ కోర్ప్ నిర్వహించాలని తీర్మానించుకున్నాము.

8. Telent. ಕ ರಾಮ್ಯಂಜನೆಯುಲು (ತಲಗು ಕಾರ್ಕ್ಯಾಕುಲು) PATTIKONDA KUMOO

> PATTIKONDA-518 380 Kurnool Dist AP

## ప్రభుత్వ డిగ్రీ కళాశాల. పత్తికొండ 19-20

Stort was

విషయం: తెలుగు ఛందస్సు సర్టిఫికెట్ కోర్స్ ప్రారంభించడానికి అనుమతి కొంకు.

ప్రధుత్వ డిగ్రీ కళాశాల పత్తికొండ తెలుగు శాఖ ఆధ్వర్యంలో డిగ్రీ మూడవ సంవత్సరం విద్యార్థులకు తెలుగు చందస్సు సర్థిఫికెట్ కోర్స్ నిర్వహించాలని తెలుగు శాఖ తీర్మా నించింది. సేటి సమాజంలో విద్యార్థులు తెలుగు భాష పట్ల ఆసక్తి చూపడానికి సులభంగా వ్యాకరణం నేర్పుకోవడానికి ఈస్మిపికట్ కోర్ప ನಿರ್ಯಭಾಂಧದಾನಿಕೆ ಅನುಮರಿಂದಗಳರು.

కోర్పు వివరాలు

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GOVT DEGREE COLLEGE PATTIKONDA-518380 Kurnool Dist A P.

Dento La Lecturer in Telu. PATTI Govt. Degree Cribist PATTIKONDA Kurnos ತೆಲುಗು ಕಾಖ

ತಲುಗು ಎಂದನ್ನು 2019-20

సర్కులర్

29-08-2019

ಕಳ-೯೮೮ ಮಾದವ ನಾವರ ನಾ ಎಮ್ಮಾರಾವು ವಿಶ್ವಾಧಾಯ ಅವರಿಕೆ ಎಯಗು ಕಳಾ ತರೆಯಲೆಯುವರೆ ನಿಮರ್ಪ ತಲುಗು ಕ್ರಾಂ ತಲುಗು ಅನಿ ಸ್ಥಾನಿಕರೆ ಕೆಲ್ಲಾ ಸು ಟೇಲ್ ಸಾರ್ಟ್ dered which there begins to 111 201 and cours were weight విద్యార్థులు పేరు నిమాలు చేసుకోండి. కొన్న పూర్తి అయిన తర్వతి వ్యవతిరి కాల పార్ల ముక్కువారి కార్మిత ವಿರ್ಯಾಧುಲಂದರು ಈ ಅವರ್ಷಾವ್ರಿ ಇದ್ದಿವಿಯಾಗು ತೆಮಣೆಗೆಂದು

Lecturer in Telugu Govt. Degree College. TIKONDA Kurnool Lat

## ప్రభుత్వ డిగ్రీ కళాశాల, పత్రికొండ

ಡಿಲುಗು ಕಾಖ

## తెలుగు చందస్సు సర్హికెట్ కోర్స్ తుది నిపదిక

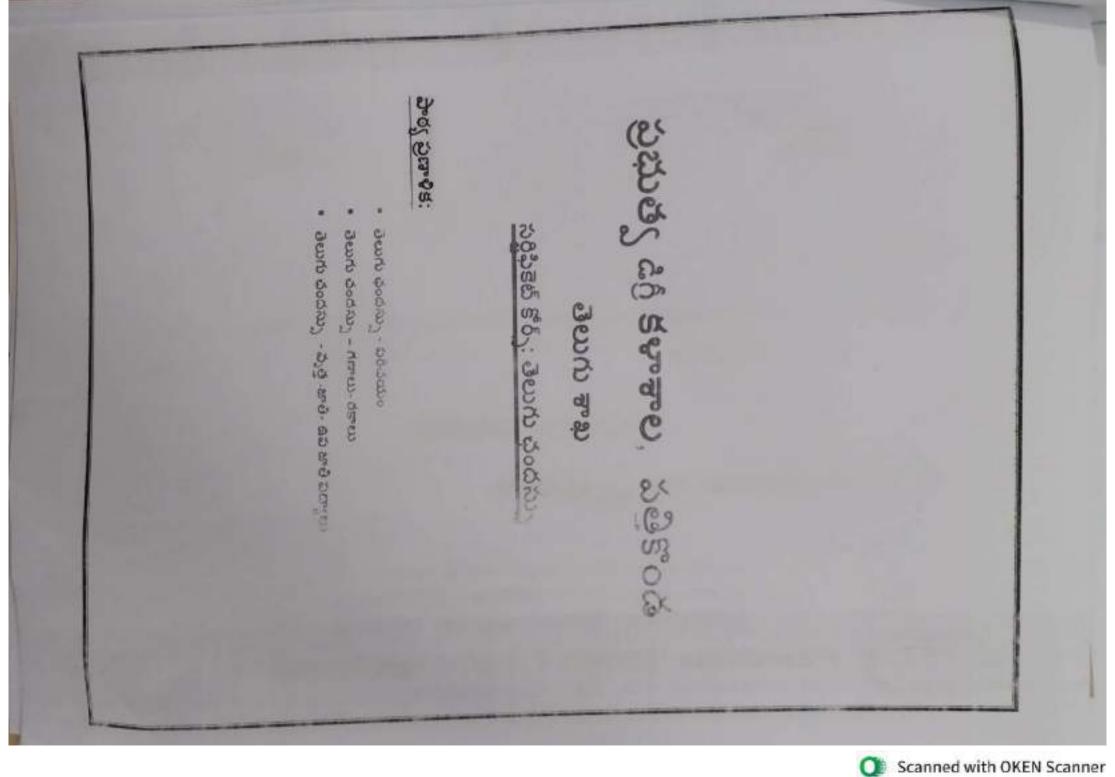
కాలప్పవధిలో పర్వహించాలని కళాశాల ప్రేస్తిపల్ గారి అధ్యర్యంలో ఫిర్మానం జరిగింది. డగ్రి పైనశ్యాత 0000 කාපත් ජනත් පසුම, එස්ලූවෙක් රාලියේවේ, හැක වුතුණැවක පිහි<sub>ර</sub>යේස් ම දී ස<sub>ට</sub> මොස්<sub>ර</sub> මුසාත పెద్యాట్లలు కోర్ప్ అయిలోయని తర్వాత వారికి ఉపయోగపడి విడంగా గురు లఘువులను గుర్తించుట తెలుగు శాఖ ఆధ్వర్యంలో బివ్, బీకాం, బీఎస్పీ విద్యార్థులకు తెలుగు టైపింగ్ సక్టిపికెట్ కోర్కు 30 రోజుల

母のできる 中 పర్ణిపికట్ కోర్ప్ ప్రారంభ సమావేశంలో విద్యాట్లులు చాలా ఉద్భాహంగా పాల్గొన్నారు. ప్రస్తేపల్ గారు విద్యాట్లులను <u>පාරුංකත, කතර ජනර පසුව, පස්ථුවක පාරුංකත, ආඛ වුවාඥාරක පිරිාංකය</u> ತವರ್ಯಗಿಂದುತ್ತುನ್ನು ಅಯ್ಯ ರಂಗಾಲ್ಡ್ ಮುಂದುತ್ತುಗಳು ವಿಶ್ವಾಭಿಲಕು ಸಾವಿಂದಾರು ಗುರು ಲಮುಪುಲಸು ಹರಿಗಿಂದಿ. సర్జిఫికెట్ కోర్స్ మీకు దాలా ఉపయోగపడుతుంది కాబట్టి విద్యార్థులు

ಕ್ಷಾವರ್ ಗಾರ ವರು ಕಾರ್ಯ ಸಕ್ಷಿಸಿಕ್ಕು ಹಾರೆ ವಿಸಿ ಆರ್ಬ್ಯ ವಿಜಯವಾರಂಗ್ ಮಾಗಿಂದ್ರಾಯ మొత్తం 30 కోజుల పాటు కోర్పు కనసాగింది. కోర్స్ పూర్తయిన తర్వాత ఏద్యాట్లులకు ముగింపు సమావేశంలో

GONT DEGREE COLLEGE
BATTIKONDA-518 380

Govf. Degree Cor





# Government Degree College, Matrikonda

Affiliated to Rayalaseema University (RZA) Lurnool-20- Accordited By NAAC with B Grade Pattikonda, Lurnool-518380. A.B.

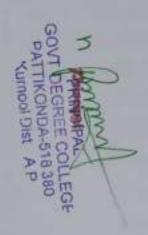
## Department of Telugu

Certificate of Participant

This is to certify that Mr./Miss./Mrs.

08-9-2019 to 68-08-2019.

completed 'A Certificate Course in Java socias Organized by Department of Telugu , Government Degree College, Pattikanda, Kumool (Dt) held from



## List of Students Registered for certificate course 2019-20

## A Certificate Course in Telugu Chandhassu

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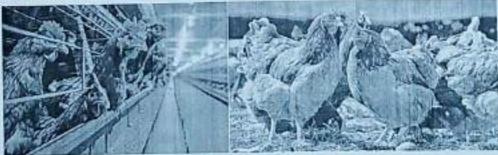
## GOVERNMENT DEGREE COLLEGE, PATTIKONDA Reaccredited with NAAC B Grade

## Department of Zoology



Certificates Courses in Poultry -Broiler Management From 2018-19 to 2022-2023







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## GOVERNMENT DEGREE COLLEGE, PATTIKONDA

Department of Zoology 2019-20

Minutes of the Department meeting for the conduct of Certificate Course in Poultry Broiler Management

Date: 09-09-2019

The Department of Zoology, a leader in catering student needs, has made the decision to widen opportunities for individuals graduating from our College. There is a considerable need for new graduates for providing selfemployment to rural background students. These courses also provide employment to the local individuals and daily livelihood. With the straightforward objective of equipping graduating students with the requisite practical abilities, the Department of Zoology has taken the initiative to provide a Certificate Course in Poultry Broiler Management.

On 09-09-2019, the Department of Zoology held a meeting with its members on the College's premises. The meeting was led by the department members and the Department unanimously decided to organize the Certificate Course in Poultry Broiler Management for degree-seeking students at our College, with the lecturers serving as the course instructors and the Department Head serving as chairman. As promised, the Certificate Course would span 45 days which would be very useful to students.

DEMAR TMENT OF ZOOLOGY Smitindira Devi College, PATTIKONDA, Kurnool

Contract Faculty

Contract Faculty

Sri.P.Ramanjaneyulu P. Ramanjaneyulu DEPARTMENT OF ZOOLOGY Govt. Degree College, PATTIKONDA, Kurnool

## GOVERNMENT DEGREE COLLEGE, PATTIKONDA Reaccredited with NAAC B Grade

2019-2020Proposals for the Introduction of Certificate

Course in

## **Poultry Broiler Management**

Date: 11-09-2019

From P.Ramanjaneyulu, Lecturer in Zoology, Govt. Degree College, Pattikonda, Kurnool (Dt). To The Principal, Govt. Degree College, Pattikonda Kurnool (Dt).

Respected Sir,

I would like to suggest that the department of Zoology is going to organize a certificate Course in Poultry Broiler Management basing on the demands of departing students who are now more regularly communicated to the Department of Zoology from the lowest to the highest levels of employment, this course has become fruitful to students. The Department of Zoology is excited to start the course taking into account all of these factors. This course is also very useful for the students for their self-employment.

## The details or the program are

I. Name of the proposed program : A Certificate course in Poultry Broiler

Management

2. Duration and timings of the program

: 45 days : 16-09-2019

3. Start date of the program

: free

4. Course fee

Hec

5. No, ofstudents expected for admission

: 30

Yours faithfully

PRINCIPAL DE PATTIKONDA Kumool Dist

PARTMENT OF YOU COGY
PATTIKONDA. Kurnool

## Government Degree College, Pattikonda.

## Department of Zoology 2019-2020

Date: 12-09-2019

## Circular

Zoology Department is starting a certificate course in Broiler Management for final year Students, the duration of the courses, which will last 45 days. There is no fee required for the course, and classes will commence on 16-09-2019. If you're interested in enrolling, please register your name at the department soon! After successfully completing the course, you'll receive a certificate.

P Raman Tanky WU
DEPARTMENT OF ZOOLOGY
COORDINATE COllege,
PATTIKONDA, Kumool

Copy to the Library Notice Board

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Copy for Circulation among the Students

## GOVERNMENT DEGREE COLLEGE, PATTIKONDA ,KURNOOL DISTR

## Department of Zoology

## Certificate course in poultry - Broilers Management

## SYLLABUS

## UNIT-1

- 1.1 Introduction, types of poultry breeds, native, exotic breeds current senario
- 1.2 Advantages and disadvantages of farming
- 1.3 Broilers housing, equipment and management

UNIT - II

- 2.1 Nutrition and feeding
- 2.2 Diseases control and management
- 2.3 Vaccination schedule for Broilers
- 2.4 Marketing strategy, income and expenditure of Broilers

## Government Degree College Pattikonda Kurnool [Digt]

## Department Of Zoology

## Certificate Course in Poultry-Broiler Management

## MODEL PAPER

Time:2Hrs

Max.marks:50

## PART-A

## I Answer any Two of the following:

## Draw the diagram wherever necessary

- 1. Write an account on Bacterial management of broiler
- 2. Write about the Bacterial of Broilers
- 3.Explain different types of Farm house
- 4. Write about the Viral diseases on Broilers

## PART-B

II Answer any FOUR of the following:

Draw the diagram wherever necessary

- 5. Explain advantages and disadvantages of Poultry farming
- 6. Explain the present of Poultry in India
- 7. Describe the methods of Broiler feeding
- 8. Write Vaccination Schedule for Broilers
- 9.Exploin any two types of feeders
- 10. Give an account on economic importance of Broilers

2019-2020 16.9.2019-31.10.20 REGISTER OF ATTENDANCE & FEES FOR THE MONTH OF. ....20 19-2020 Section That. BZC Name of the Institute Mary from : 16.9 2019 - 31-102019 RYD NAMES TO REGIONS 1730 48001 A-RAMANA A. Raja sekhak A. RESESCUCTI B. mohan Jalnaik B. Rousa 13. sughashivi a Ravi Kumak B.T VankaTesh Rasy G. Venkata sunetha 10 K. Rohini K chandou sekhal K. Suseela k. mall Kat Juna K. Raja sekhat 16 M. Raju 17 M. madhu M. manasa. M. Songel Koman 19 20 M. Manas Kumas 21 M. oxorani Jyothi N. Malli KatiTuna D. ImAmBI p mehaboob bhasa 0,11111111 po mastlan 25 Lecturer in Zodogra Govt Degree College GOVT DEGREE COLLEGE Number present M PATTINONDA-518/380 Daily E Yumool Dist. A.P. Initials M

## Government Degree College, Pattikonda Department of Zoology 2019-20

Final Report of Certificate Course in Poultry Broiler Management

Poultry Broiler Management Programme was developed & designed by department of zoology with the help of the Principal for III B.Z.C students. By offering the 45-days Certificate course in Poultry Broiler Management has made a humble beginning in its efforts to teach and improve students' practical knowledge for livelihood. The main objective of the course, as decided earlier, was to impart commercial strategy and to create awareness from rural area students. The requirements of final year students are taken into account when creating the basic framework of the course. The feedback from the students was very positive.

The Principal, spoke to the students about the self-employment skills and knowledgeable them of the importance of rich protein values and low cholesterol, as the population is enormously increasing day by day the government also insist animal husbandry and poultry farming in the rural areas. The government also provided financial subsidy to the poultry farmers.

DEPARTMENT OF ZOOLOGY Coordinator gree College, PATTIKONDA. Kumpol

Principal

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