



GOVERNMENT DEGREE COLLEGE, RAYACHOTY

(Affiliated to Yogi Vemana University)

Chittor Road, RAYACHOTY, YSR KADAPA Dist



DEPARTMENT OF COMPUTER SCIENCE

A CERTIFICATE COURSE ON

PC-Hardware & Maintenance

GROUP: III MPCS, II MPCS, I MPCS , III BA HEP, II BA HEP

Academic Year 2018-2019



Topic: PC-Hardware & Maintenance (30 HOURS)

GROUP: III MPCS, II MPCS, I MPCS , III BA HEP, II BA HEP

Certificate Course Convener :

M. RAMA MOHAN REDDY

Lecturer in Computer Science

Government Degree College, Rayachoty

PIN : 516269



**GOVERNMENT DEGREE COLLEGE,
RAYACHOTY, YSR KADAPA DISTRICT, A.P.516269**



Department of Computer Science

From

The Department of Computer Science
Government Degree College
Rayachoti

To

The Principal,
Government Degree College
Rayachoti

Subject: Request to Conduct Certificate Course on " PC-Hardware & Maintenance "

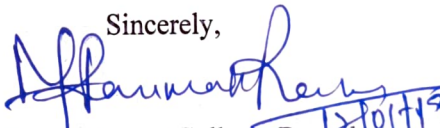
Respected Madam,

I am writing to seek your approval to conduct a Certificate Course on "**PC-Hardware & Maintenance**" at Government Degree College, Rayachoti, from **22-01-2019, to 28-02-2019**. This course aims to provide an in-depth understanding of the **PC-Hardware & Maintenance**, offering an invaluable learning opportunity for students and faculty members interested in the field of Computers.

The course will be coordinated by Mr. M. Rama Mohan Reddy Lecturer in Computer Science. The duration of the course will be 30 hours, and it will be held at Government Degree College, Rayachoti. The registration fee for the course is free of charge, and the registration deadline is **22-01-2019**. I assure you that all necessary arrangements will be made to ensure the smooth conduct of the course, and the schedule will not interfere with regular academic activities. I kindly request your permission to proceed with the organization of this course.

Thank you for considering this request. I look forward to your positive response.

Sincerely,


Government Degree College, Rayachoty


12/01/2019



GOVERNMENT DEGREE COLLEGE,
RAYACHOTY, YSR KADAPA DISTRICT, A.P.516269



Department of Computer science

Date: 12-01-2019

CIRCULAR

To,

All students and faculty Members,

Government Degree College Rayachoty.

Subject: Certificate Course on PC-Hardware & Maintenance

Dear Sir/Madams,

We are pleased to announce a certificate course on **PC-Hardware & Maintenance** to be conducted at Government Degree college Rayachoty. This course aims to provide the best Issues of Computer Maintenance for the students and faculty members.

Course Details

Course Duration: (30 Hours)

Venue: Government Degree College Rayachoty

Course Co-Ordinator: M. Rama Mohan Reddy

Registration Fee: Free

Interested participants are requested to enroll for the course in the Department of Computer Science.

[Signature]
12/01/2019

[Signature]
12/01/2019

[Signature]

[Signature]

[Signature]

[Signature]

[Signature]

Overall, the outcome of PC Hardware and Maintenance training is to produce competent individuals capable of managing, maintaining, and troubleshooting PC hardware efficiently, thus ensuring optimal performance and longevity of computer systems.

Students List

III MPCs

1. K. NITHYAPUJA REDDY
2. M. NAGARAJA
3. R. PRAVEEN KUMAR
4. R. MAHINDRA
5. Y. RAM BABU
6. M. VENKATESH
7. M. VENKATA RAMANA
8. SHAIK ARABJAN

II MPCs

1. D. VENKATESWARLU
2. M. SALEEM
3. B. KARTHIK
4. K. ANNAMAIAH
5. K. MANINADHA
6. D. REDDY SEKHAR
7. SHAIK BABJI
8. SHAIK MOHAMMED GHOUSE
9. SHAIK MASUD ALAM
10. S. MUHAMMED ZIYA

I MPCS

1. D V SIVAMMA
2. D. CHENNA KESAVA
3. G. HARI PRIYA
4. K. SURESH KUMAR
5. M. VENU GOPAL
6. M. RAJ KUMAR REDDY
7. R. SRI HARI
8. S. MD. HUZAIFA
9. S. SHAMEEM
10. S. NAJMA

III BA HEP

1. C. SIVARAMA KRISHNA
2. C. SIVA KRISHNA
3. L. VEERANJANEYULU

II BA HEP

1. O. PAVAN KUMAR

PUPIL'S ATTENDANCE REGISTER

FOR THE MONTH OF

15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

Name of the Institute: **Govt Degree College Rayachoty**
 Name of the Pupil: **Science / Application DEPT. Of Computer**
 Address: **Govt Degree College Rayachoty**
 Class: **1** Roll No: **15**

Sl. No.	Name of the Pupil	Date																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
1	K. Nithya Poojagadh	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
2	M. Nagaejuna	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
3	R. Praveen Kumar	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
4	R. Mahendra	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
5	Y. Rambabu	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
6	M. Venkatesh	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
7	M. Venkata Ramana	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
8	S. Anababu	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
9	D. Venkateswudu	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
10	H. Saleem	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
11	B. Kartik	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
12	K. Anjananaray	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
13	K. Mahindra	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
14	D. Ratnay Sekhar	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
15	S. Babji	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
16	S. Md. Ghous	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
17	S. Masud Alam	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
18	S. Md. Zeja	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

Number Present M: **18**
 Daily E: **18**
 Initials M: **18**
 E: **18**

No. of working days: **18**
 Average Attendance during the month: **100%**
 Left No. on roll at end of month: **18**

Group: **III MPCC**

LECTURER: **M. P. Moha Reddy**
 DEPT. Of Computer
 Science / Application
 Govt Degree College
 Rayachoty

30 days (working) Certificate Course

Syllabus: PC Hardware and Maintenance

Module 1: Introduction to PC Hardware (4 Hours)

- **Overview of Personal Computers**
 - History and Evolution of PCs
 - Types of Personal Computers: Desktops, Laptops, Tablets
- **Basic Components of a PC**
 - Central Processing Unit (CPU), Motherboard, RAM, and Storage Devices
 - Input and Output Devices: Keyboards, Mice, Monitors, Printers
- **Understanding Computer Architecture**
 - CPU Architecture and Functionality
 - Role of the Motherboard and BIOS/UEFI

Module 2: PC Hardware Components (6 Hours)

- **Processor (CPU)**
 - Types of Processors (Intel, AMD)
 - CPU Specifications and Performance Factors
- **Motherboard**
 - Types of Motherboards and Form Factors
 - Chipsets, Expansion Slots, and Ports
- **Memory (RAM)**
 - Types of RAM (DDR3, DDR4)
 - RAM Installation and Configuration
- **Storage Devices**
 - Hard Disk Drives (HDDs) vs. Solid State Drives (SSDs)
 - Storage Capacity and Performance Considerations

- **Power Supply Unit (PSU)**

- Understanding Power Requirements
- PSU Ratings and Installation

Module 3: PC Hardware Installation and Configuration (6 Hours)

- **Building a PC**

- Step-by-Step Assembly Process
- Installing CPU, RAM, Motherboard, and Storage Devices

- **BIOS/UEFI Settings**

- Accessing BIOS/UEFI Interface
- BIOS/UEFI Configuration and Settings

- **Device Drivers Installation**

- Installing Drivers for Hardware Components
- Troubleshooting Driver Issues

Module 4: PC Maintenance and Troubleshooting (8 Hours)

- **Preventive Maintenance**

- Cleaning and Dust Management
- Temperature Monitoring and Cooling Solutions

- **Troubleshooting Common Hardware Issues**

- Diagnosing Boot Problems
- Resolving Hardware Failure and Component Issues

- **Upgrading PC Components**

- RAM, Storage, and CPU Upgrades
- Compatibility Considerations and Upgrade Procedures

Module 5: Software and Security (4 Hours)

- **Operating Systems**
 - Introduction to Operating Systems (Windows, macOS, Linux)
 - Installation and Configuration Basics
- **Basic Security Practices**
 - Antivirus Software Installation and Maintenance
 - Data Backup and Recovery Strategies

Module 6: Practical Sessions and Hands-on Lab (2 Hours)

- **Hands-on Exercises**
 - PC Assembly and Disassembly Practice
 - Troubleshooting Simulated Hardware Issues

This syllabus provides a structured approach to learning PC Hardware and Maintenance, covering fundamental concepts, practical skills, troubleshooting techniques, and preventive maintenance practices essential for PC technicians and enthusiasts.

The outcome of a course or training on PC Hardware and Maintenance can be summarized in terms of the knowledge, skills, and competencies gained by the participants. Here are the key outcomes:

Knowledge Outcomes

1. **Understanding of Components**:

- Comprehend the roles and functions of various computer hardware components such as the CPU, RAM, motherboard, storage devices (HDD, SSD), power supply units, and peripherals.

2. **System Architecture**:

- Understand the basic architecture of a PC and how components interact with each other.

3. **BIOS and Firmware**:

- Knowledge of BIOS/UEFI firmware, its role in system initialization, and basic settings/configuration.

4. **Storage Technologies**:

- Understand different types of storage devices, including HDDs, SSDs, and their interfaces like SATA and NVMe.

5. **Cooling Mechanisms**:

- Knowledge of cooling solutions including heat sinks, fans, and thermal paste, and their importance in maintaining system performance and longevity.

Skills Outcomes

1. **Assembly and Disassembly**:

- Skills in assembling and disassembling a PC, including proper handling and installation of components.

2. **Troubleshooting**:

- Ability to diagnose and resolve common hardware problems such as boot failures, overheating, and connectivity issues.

3. **Maintenance**:

- Skills in routine maintenance tasks such as cleaning internal components, upgrading hardware, and ensuring proper cable management.

4. **BIOS Configuration**:

- Ability to configure and update BIOS/UEFI settings to optimize system performance and compatibility.

5. **Data Management**:

- Skills in managing storage devices, including partitioning, formatting, and data recovery.

Competencies

1. **Problem-Solving**:

- Develop problem-solving abilities to address hardware and software issues systematically and efficiently.

2. **Attention to Detail**:

- Cultivate attention to detail necessary for delicate tasks such as installing processors, applying thermal paste, and connecting small components.

3. **Technical Communication**:

- Improve ability to communicate technical issues and solutions clearly, both in writing and verbally.

4. **Safety and Best Practices**:

- Adherence to safety standards and best practices in handling hardware to prevent damage and ensure personal safety.

5. **Customer Service**:

- Develop customer service skills for those intending to work in IT support, including how to interact with clients, understand their issues, and provide effective solutions.

Practical Applications

1. **Real-World Scenarios**:

- Apply knowledge and skills in real-world scenarios, such as setting up home offices, upgrading existing systems, and maintaining corporate IT infrastructure.

2. **Certifications**:

- Prepare for relevant certifications like CompTIA A+, which validates the foundational skills in PC hardware and maintenance.

3. **Employment Readiness**:

- Equip participants with the skills needed for various IT roles such as desktop support technician, hardware engineer, and IT support specialist.

4. **Personal Projects**:

- Empower individuals to undertake personal projects such as building custom PCs, performing hardware upgrades, and maintaining personal devices.

Multiple-choice questions on PC Hardware and maintenance

Questions

1. ****Which component is considered the "brain" of the computer?***
 - A) Hard Drive
 - B) RAM
 - C) CPU
 - D) GPU

2. ****What is the primary purpose of the motherboard?***
 - A) Store data permanently
 - B) Manage power supply
 - C) Connect and communicate between all hardware components
 - D) Cool the CPU

3. ****Which type of memory is used for temporary storage while the computer is running?***
 - A) ROM
 - B) SSD
 - C) RAM
 - D) HDD

4. ****Which device is used to input data into a computer?***
 - A) Monitor
 - B) Keyboard
 - C) Printer
 - D) Speaker

5. ****What does BIOS stand for?***
 - A) Basic Input Output System
 - B) Binary Input Output System
 - C) Basic Interactive Output System
 - D) Binary Information Operating System

6. ****What is the function of a GPU?***
 - A) Manage input/output operations
 - B) Perform arithmetic calculations
 - C) Render graphics and images

- D) Store files and data

7. ****Which of the following is NOT a type of storage device?*****

- A) SSD

- B) HDD

- C) RAM

- D) Optical Drive

8. ****Which port is typically used for high-speed internet connections?*****

- A) USB

- B) HDMI

- C) Ethernet

- D) VGA

9. ****What does RAID stand for in storage technology?*****

- A) Redundant Array of Independent Disks

- B) Random Access Internal Drive

- C) Rapid Array of Internal Disks

- D) Redundant Access Interface Device

10. ****Which component is essential for cooling the CPU?*****

- A) Power Supply Unit

- B) Heat Sink

- C) SSD

- D) Motherboard

11. ****What is the main purpose of a power supply unit (PSU)?*****

- A) Store data

- B) Convert electricity from AC to DC

- C) Connect peripherals

- D) Process graphics

12. ****Which component directly impacts the speed at which programs execute?*****

- A) Monitor

- B) PSU

- C) CPU

- D) Optical Drive

- D) Store files and data

7. ****Which of the following is NOT a type of storage device?*****

- A) SSD

- B) HDD

- C) RAM

- D) Optical Drive

8. ****Which port is typically used for high-speed internet connections?*****

- A) USB

- B) HDMI

- C) Ethernet

- D) VGA

9. ****What does RAID stand for in storage technology?*****

- A) Redundant Array of Independent Disks

- B) Random Access Internal Drive

- C) Rapid Array of Internal Disks

- D) Redundant Access Interface Device

10. ****Which component is essential for cooling the CPU?*****

- A) Power Supply Unit

- B) Heat Sink

- C) SSD

- D) Motherboard

11. ****What is the main purpose of a power supply unit (PSU)?*****

- A) Store data

- B) Convert electricity from AC to DC

- C) Connect peripherals

- D) Process graphics

12. ****Which component directly impacts the speed at which programs execute?*****

- A) Monitor

- B) PSU

- C) CPU

- D) Optical Drive

13. ****Which interface is used for connecting an internal hard drive to a motherboard?***

- A) SATA
- B) USB
- C) HDMI
- D) Ethernet

14. ****What is the function of thermal paste in a PC?***

- A) Improve electrical conductivity
- B) Enhance thermal conductivity between CPU and heat sink
- C) Secure components in place
- D) Insulate electrical circuits

15. ****Which of the following is a non-volatile memory type?***

- A) RAM
- B) Cache
- C) ROM
- D) Registers

16. ****Which component is responsible for maintaining system time and date even when the computer is off?***

- A) CPU
- B) BIOS Battery
- C) PSU
- D) HDD

17. ****What is the primary purpose of an operating system?***

- A) Manage hardware and software resources
- B) Store user data
- C) Display graphics
- D) Connect to the internet

18. ****Which of the following connectors is used for high-definition video and audio output?***

- A) USB
- B) VGA

- C) HDMI
- D) Ethernet

19. ****What is the term for the speed at which a CPU processes instructions?*****

- A) Bandwidth
- B) Clock Speed
- C) Bus Speed
- D) Cache Rate

20. ****Which component stores the firmware that initializes hardware during the booting process?*****

- A) SSD
- B) RAM
- C) BIOS
- D) CPU

21. ****Which expansion slot is typically used for installing a graphics card?*****

- A) PCIe
- B) SATA
- C) AGP
- D) USB

22. ****What does RAM stand for?*****

- A) Read Access Memory
- B) Random Access Memory
- C) Ready Access Memory
- D) Rapid Access Memory

23. ****Which maintenance task can help improve the cooling efficiency of a computer?*****

- A) Defragmenting the hard drive
- B) Cleaning dust from the internal components
- C) Updating the BIOS
- D) Running a virus scan

24. ****What is the role of a chipset on the motherboard?*****

- A) Power the CPU
- B) Control communication between the CPU and other components

- C) Store data permanently

- D) Render images

25. ****Which of the following can cause a computer to overheat?***

- A) Insufficient RAM

- B) Excessive dust buildup

- C) Low disk space

- D) Outdated software

Answers

1. C) CPU

2. C) Connect and communicate between all hardware components

3. C) RAM

4. B) Keyboard

5. A) Basic Input Output System

6. C) Render graphics and images

7. C) RAM

8. C) Ethernet

9. A) Redundant Array of Independent Disks

10. B) Heat Sink

11. B) Convert electricity from AC to DC

12. C) CPU

13. A) SATA

14. B) Enhance thermal conductivity between CPU and heat sink

15. C) ROM

16. B) BIOS Battery

17. A) Manage hardware and software resources

18. C) HDMI

19. B) Clock Speed

20. C) BIOS

21. A) PCIe

22. B) Random Access Memory

23. B) Cleaning dust from the internal components

24. B) Control communication between the CPU and other components

25. B) Excessive dust buildup

FEED BACK FORM

On

Certificate Course: **PC Hardware and maintenance**

Dear Participants,

We value your feedback on our certificate course, " **PC Hardware and Maintenance.**" Your input is essential to help us improve and better serve your educational needs. Please take a moment to complete this questionnaire.

Please indicate tick mark among optioned mentioned against each question.

Name of the student: C. Siva Rama Krishnaiah(optional)

Class: III BA HEP TM

S.No	Question	Strongly agree	Agree	Disagree	Strongly disagree
1.	The objectives of the course were clearly defined	✓			
2	Instructor was well prepared to the classes	✓			
3	Time allotted for the course was sufficient	✓			
4	The course objectives were meet	✓			
5	Participation and interaction were encouraged	✓			

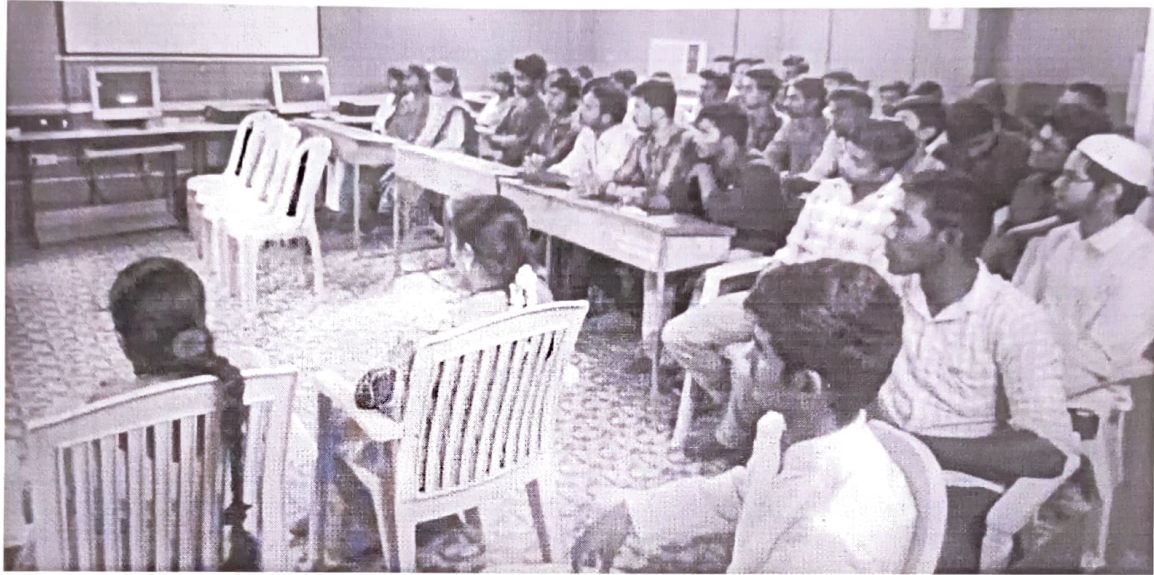
C. Siva Rama Krishnaiah

Any other suggestions:

Feedback Report :-

Hence, the certificate course "PC-Hardware & Maintenance" is very useful to all Students. The feedback from students were collected and analyzed. All the students showed interest to do such type of Certificate course and to continue it for further years also.

Photos :-



Certificate :-

GOVERNMENT DEGREE COLLEGE, RAYACHOTY

Affiliated to Yogi Vemana University, Kadapa



CERTIFICATE

This is to certify that Mr/Miss C SIVARAMAKRISHNAIAH Studying III B.A. HEP has successfully completed the Certificate Course in PC Hardware & Maintenance from 22-01-2019 to 28-02-2019 conducted by the Department of Computer Science during the Academic Year 2018-2019.

Co-ordinator

Principal



GOVERNMENT DEGREE COLLEGE, RAYACHOTY

(Affiliated to Yogi Vemana University)

Chittor Road, Rayachoti, Kadapa (Dist.)

ACCREDITED BY NAAC WITH "C" GRADE



DEPARTMENT OF POLITICAL SCIENCE UM

A CERTIFICATE COURSE ON

"Global Diplomacy-Diplomacy in Modern World"

GROUP BA HUP URDU MEDIUM STUDENTS

Academic Year 2018-2019

Topic: "Global Diplomacy-Diplomacy in Modern World"(30 HOURS)

GROUP: BA HUP Urdu Medium

Certificate Course Convener:

A KHAJA VICE KHIRNI

Lecturer in Political Science

Government Degree College, Rayachoti

PIN : 516269



GOVERNMENT DEGREE COLLEGE,

RAYACHOTY, KADAPA DISTRICT, A.P.516269

(Accredited with C grade by NAAC)



Department of Political Science

From
A Khaja vice Khirni
Head of Department of History
Government Degree College
Rayachoty.

To
The
Principal
Government Degree College
Rayachoty.

Subject: Request to Conduct Add on Course on ‘**Global Diplomacy-Diplomacy in the Modern State**’

Respected Madam,

I am writing to seek your approval to conduct a Certificate course on ‘**Global Diplomacy-Diplomacy in the Modern State**’ at Government Degree College, Rayachoty, from 01-03-2019 To 06-04-2019 This course aims to provide the students about ‘**Global Diplomacy-Diplomacy in the Modern State**’.

The course will be coordinated by A KHAJA VICE KHIRNI Lecturer in Political Science The duration of the course will be 30 hours, and it will be held at Government Degree College, Rayachoti. The registration fee for the course is free of charge, and the registration deadline is 25-02-2019. I assure you that all necessary arrangements will be made to ensure the smooth conduct of the course, and the schedule will not interfere with regular academic activities. I kindly request your permission to proceed with the organization of this course.

Thank you for considering this request. I look forward to your positive response.

Sincerely,

Government Degree College, Rayachoti



GOVERNMENT DEGREE COLLEGE,
RAYACHOTY, KADAPA DISTRICT, A.P.516269
(Accredited with C grade by NAAC)



Department of Political Science

Date: 22.02.2019

CIRCULAR

To,

All students and faculty Members,

Government Degree College Rayachoty.

Subject: Certificate Course "Global Diplomacy-Diplomacy in the Modern World"

Dear Sir/Madams,

We are pleased to announce a certificate course on "Global Diplomacy-Diplomacy in the Modern World" to be conducted at Government Degree college Rayachoty. This course aims to provide the best Issues of "Global Diplomacy-Diplomacy in the Modern World" for the students and faculty members.

Course Details

Course Duration: 01-03-2019 To 06-04-2019 (30 Hours)

Venue: Government Degree College Rayachoty

Course Co-ordinator: A KHAJA VICE KHIRNI

Registrations Deadlines: 25-02-2019

Registration Fee: Free

Interested participants are requested to register for the course by filling out the registration form available in the Department of Political Science.

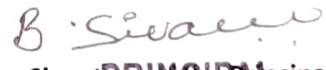
Md. Ismail

A. Khajavi

Certificate Course Registered Students List:

SL NO	Name of the Student	Registered Number	Signature
1	G.Ziyauddin	180310111001	G. Ziyauddin
2	Lalusabgari Abba	180310111002	LALUSABGARI ABBA
3	Shaik Mohammed Sajid	180310111003	S. Mohammed Sajid
4	Shaik Riyaz Ali	180310111004	S. Riyaz Ali
5	Shaik Abdul Samad	180310111005	SHAIK ABDUL SAMAD
6	Shaik Zahida Begum	180310111007	S. Zahida Begum
7	Syed Basha	180310111008	Syed Basha
8	Pathan Sumiya	180310111003	P. Sumiya
9	Shaik Abdulla	170310111004	S. Abdulla
10	Shaik Arifulla	170310111006	S. Arifulla
11	Shaik Fayaz	170310111007	S. Fayaz
12	Shaik Rahamthulla	170310111009	SHAIK RAHAMTHULLA
13	Shaik Sirajuddin	170310111010	S. Sirajuddin
14	Shaik Sabeeha	170310111012	S. Sabeeha
15	Shaik Umar Farooq	170310111013	Drop out


Signature of the Lecturer


Signature of the Principal
Principal
Govt. Degree College
Rayachoty.



GOVERNMENT DEGREE COLLEGE, RAYACHOTY

(Affiliated to Yogi Vemana University)

Chittor Road, Rayachoty, Annamiah Kadapa (Dist.)

ACCREDITED BY NAAC WITH "C" GRADE



DEPARTMENT OF POLITICAL SCIENCE UM

A Certificate Course

“Global Diplomacy – Diplomacy in the Modern World”

Syllabus :

Unit 1: What is Diplomacy?

In this Unit we will question the nature of diplomacy and construct a definition.

Unit 2: Success and Failure in Diplomacy?

Welcome to the second week of Global Diplomacy: Diplomacy in the Modern World. This module will explore what constitutes Success and Failure in Diplomacy

Unit 3: The Qualities of a 'Good' Diplomat?

Welcome to the third week of Global Diplomacy: Diplomacy in the Modern World. This module will discuss qualities of a 'good' diplomat.

Unit 4: Diplomacy in Action.

Welcome to the fourth week of Global Diplomacy: Diplomacy in the Modern World. This module will explore where we see diplomacy in action.

Unit 5: Reflections on Diplomacy?

Welcome to the final week of Global Diplomacy: Diplomacy in the Modern World. In this module we reflect on what we have learn about diplomacy. This extra challenge exercise will add to your understanding.



GOVERNMENT DEGREE COLLEGE, RAYACHOTY

(Affiliated to Yogi Vemana University)

Chittor Road, Rayachoty, Kadapa (Dist.)

ACCREDITED BY NAAC WITH "C" GRADE



DEPARTMENT OF POLITICAL SCIENCE UM

A Certificate Course

“Global Diplomacy – Diplomacy in the Modern World”

Certificate Course Outcomes:

A course on Global Diplomacy typically aims to achieve several key outcomes, depending on its specific focus and objectives. Here are some common learning outcomes you might expect from such a course:

- ❖ **Understanding of Diplomatic History and Theory:** Students should gain a solid grasp of the historical development of diplomacy as well as the theoretical frameworks that underpin diplomatic practices.
- ❖ **Knowledge of International Relations:** A comprehensive understanding of the principles and dynamics of international relations, including state sovereignty, power balances, and global governance mechanisms.
- ❖ **Skills in Diplomatic Practice:** Practical skills in diplomatic negotiation, mediation, and conflict resolution. This often includes simulations or role-playing exercises to simulate real-world diplomatic scenarios.
- ❖ **Awareness of Contemporary Issues:** Familiarity with current global issues and challenges that require diplomatic solutions, such as climate change, human rights, security threats, and economic cooperation.

- ✧ **Analytical and Critical Thinking:** Ability to analyze complex diplomatic situations, evaluate different perspectives, and propose well-reasoned diplomatic strategies or policies.

- ✧ **Cross-Cultural Competence:** Understanding of cultural differences and their implications for diplomatic interactions, including communication styles, negotiation tactics, and protocol.

- ✧ **Ethical and Professional Conduct:** Appreciation for the ethical responsibilities of diplomats, including integrity, confidentiality, and adherence to international norms and laws.

- ✧ **Effective Communication Skills:** Proficiency in diplomatic writing, public speaking, and interpersonal communication, tailored to various audiences and diplomatic contexts.

- ✧ **Research and Policy Development:** Capability to conduct research on diplomatic issues, analyze data, and develop evidence-based policy recommendations.

- ✧ **Teamwork and Leadership:** Ability to work effectively in diplomatic teams, lead negotiations or projects, and collaborate across cultures and disciplines.

These outcomes collectively prepare students for careers in diplomacy, international organizations, government agencies, non-governmental organizations (NGOs), and multinational corporations where diplomatic skills and understanding of global issues are essential.



GOVERNMENT DEGREE COLLEGE, RAYACHOTY

(Affiliated to Yogi Vemana University)

Chittor Road, Rayachoty, Kadapa (Dist.)

ACCREDITED BY NAAC WITH "C" GRADE



DEPARTMENT OF POLITICAL SCIENCE UM

A Certificate Course

“Global Diplomacy – Diplomacy in the Modern World”

Global Diplomacy Questions:

- 1. What is the Vienna Convention on Diplomatic Relations, and why is it significant in international diplomacy.**
- 2. Name two types of diplomatic immunity and briefly explain their differences.**
- 3. Describe the role of a diplomatic mission and the key personnel typically found in an embassy.**
- 4. What are the main functions of international organizations in global diplomacy? Provide examples of prominent international organizations and their roles.**
- 5. Explain the concept of multilateral diplomacy and provide an example of a successful multilateral agreement or initiative.**
- 6. What are the differences between bilateral and multilateral diplomacy? When might a country prefer one over the other?**
- 7. Discuss the significance of Track II diplomacy in international relations. Give an example of a Track II initiative and its impact.**
- 8. How does public diplomacy differ from traditional diplomacy, and why is it increasingly important in today's interconnected world?**
- 9. What are the key challenges facing diplomats in the 21st century?**
- 10. Explain the concept of "soft power" in diplomacy. Provide examples of how countries use soft power to achieve their diplomatic goals.**

FEED BACK FORM

On

Certificate Course: "Global Diplomacy - Diplomacy in Modern State"

Dear Participants,

We value your feedback on our certificate course "Global Diplomacy - Diplomacy in Modern State". Your input is essential to help us improve and better serve your educational needs. Please take a moment to complete this questionnaire.

Please indicate tick mark among options mentioned against each question.

Name of the student: Shaik Md. Sajid (optional)

Class: IBA

S.No	Question	Strongly agree	Agree	Disagree	Strongly disagree
1.	The objectives of the course were clearly defined		✓		
2	Instructor was well prepared to the classes	✓			
3	Time allotted for the course was sufficient		✓		
4	The course objectives were met		✓		
5	Participation and interaction were encouraged	✓			

Any other suggestions:



Government Degree College Rayachoty

(Affiliated to Yogi Vemana University)


Chittoor Road Rayachoty Kadapa Dist 516269



CERTIFICATE

- This is Certify That Sri/Mr/Mrs Shaik Khaja PeerIII BA HPU Government Degree College Rayachoty Academic year 2018-2019 ,has Participated Certificate Course on Global Diplomacy Diplomacy in modern world .Organized by Department of Political Science GDC Rayachoty. The course outcome is aware the Students Conditions of Islamic Countries in the World.


ASHFAQUE KHIRNI
Lecturer in Political Science


PRINCIPAL
Government Degree College Rayachoty
Rayachoty



GOVERNMENT DEGREE COLLEGE, RAYACHOTY

(Affiliated to Yogi Vemana University)

Chittor Road, Rayachoty, Kadapa (Dist.)

ACCREDITED BY NAAC WITH "C" GRADE



DEPARTMENT OF HISTORY

A CERTIFICATE COURSE ON "HISTORY OF EAST ASIA"

GROUP BA HUP URDU MEDIUM STUDENTS

Academic Year 2018-2019

Topic "History of East Asia" (30 HOURS)

GROUP: BA HUP

Certificate Course Convener:

MD ISMAIL

Lecturer in History

Government Degree College, Rayachoti

PIN: 516269



GOVERNMENT DEGREE COLLEGE,

RAYACHOTY, KADAPA DISTRICT, A.P.516269

(Accredited with C grade by NAAC)



Department of History

From
MD ISMAIL
Head of Department of History
Government Degree College
RAYACHOTI.

To
The
Principal
Government Degree College
RAYACHOTI.

Subject: Request to Conduct Add on Course on “History of East Asia”

Respected Madam,

I am writing to seek your approval to conduct a Add on Course on “History of East Asia” at Government Degree College, Rayachoti, from 02-01-2019 To 11-02-2019 This course aims to provide the students about “History of East Asia”

The course will be coordinated by MD ISMAIL Lecturers in History. The duration of the course will be 30 hours, and it will be held at Government Degree College, Rayachoti. The registration fee for the course is free of charge, and the registration deadline is 29-12-2018. I assure you that all necessary arrangements will be made to ensure the smooth conduct of the course, and the schedule will not interfere with regular academic activities. I kindly request your permission to proceed with the organization of this course.

Thank you for considering this request. I look forward to your positive response.

Sincerely,

Md. Ismail
Government Degree College,
Rayachoti



GOVERNMENT DEGREE COLLEGE,
RAYACHOTY, KADAPA DISTRICT, A.P.516269
(Accredited with C grade by NAAC)



Department of History

Date: 24.12.2018

CIRCULAR

To,

All students and faculty Members,

Government Degree College Rayachoti.

Subject: Certificate Course "History of East Asia"

Dear Sir/Madams,

We are pleased to announce a certificate course on "History of East Asia" to be conducted at Government Degree college Rayachoti. This course aims to provide the best Issues of "History of East Asia" for the students and faculty members.

Course Details

Course Duration: 02-01-2019 To 11-02-2019 (30 Hours)

Venue: Government Degree College Rayachoti

Course Co-Ordinator: MD ISMAIL

Registrations Deadlines: 29-12-2018

Registration Fee: Free

Interested participants are requested to register for the course by filling out the registration form available in the Department of History.

MD. ISMAIL
[Signature]

Certificate Course Registered Candidates : 2018 – 2019

01-01-2019

01-02-2019

Sl. No.	Hall-Ticket No.	Name of the Student	3 rd B.A.(HPU)
1.	160310111005	Lodhi Firoz Ali Khan	III BA
2.	160310111006	P.Shaik Md Rubel	III BA
3.	160310111007	P.Mahaboob Jan	III BA
4.	160310111008	P.Sardar Khan	III BA
5.	160310111010	Shaik Aarifulla	III BA
6.	160310111011	Shaik Abdul Kareem	III BA
7.	160310111014	Shaik Arifulla	III BA
8.	160310111015	Shaik Arsheen	III BA
9.	160310111017	Shaik Athif	III BA
10.	160310111018	Shaik Azeem	III BA
11.	160310111020	Shaik Choti Jan	III BA
12.	160310111021	Shaik Farhana	III BA
13.	160310111022	Shaik Gaddam Seema	III BA
14.	160310111024	Shaik Hajeera	III BA
15.	160310111026	Shaik Imran Basha	III BA
16.	160310111028	Shaik Khader Basha	III BA
17.	160310111029	Shaik Khawaja Peer	III BA
18.	160310111030	Shaik Madar Vali	III BA
19.	160310111031	Shaik Moulani	III BA
20.	160310111033	Shaik Shehinsha Vali	III BA
21.	160310111034	Shaik Tasleem	III BA
22.	160310111035	Shaik Jabeer Basha	III BA
23.	160310111036	Syed Ayesha	III BA
24.	160310111037	Syed Mohammed Nasir	III BA
25.	1603101110	Shaik Areen Begum	III B.A
26.	160310111	Shaik Afrin	III B.A
27.	160310111	Shaik Asifa	III B.A
28.	160310111	Shaik Ghousiya	III B.A

Govt Degree College K yachoty
Certificate Course

Attendance Register

2018 - 19

Sl. No.	Name of the Students	02/01/19	03/01/19	04/01/19	05/01/19	07/01/19	08/01/19	09/01/19	10/01/19	11/01/19	17/01/19	18/01/19	19/01/19	22/01/19	23/01/19	24/01/19	26/01/19	28/01/19	29/01/19	30/01/19	31/01/19	01/02/19	02/02/19	04/02/19	05/02/19	06/02/19	07/02/19	08/02/19	09/02/19	11/02/19	Signature of the Students	
1	Lodhi Firoz wali Khan	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	L. Firoz Ali
2	P. Shait, Md. Rubel	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P. S. Md. Rubel
3	P. Mahabab Jari	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P. Mahabab Jari
4	P. Gardar Khan	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P. S. Gardar Khan
5	Shait, Sharifulla	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P. S. Sharifulla
6	Shait, Abdul Kareem	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P. S. Abdul Kareem
7	Shait, Arifulla	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P. S. Arifulla
8	Shait, Arsheer	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P. S. Arsheer
9	Shait, Athif	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P. S. Athif
10	Shait, Azeem	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P. S. Azeem

Signature of the Lecturer



GOVERNMENT DEGREE COLLEGE, RAYACHOTY

(Affiliated to Yogi Vemana University)

Chittor Road, Rayachoti, Kadapa (Dist.)

ACCREDITED BY NAAC WITH "C" GRADE



DEPARTMENT OF HISTORY

History of East Asia

SYLLABUS:

The syllabus for a history of East Asia course typically covers a broad range of topics spanning different periods and regions. Here's a general outline of what might be included:

1. Introduction to East Asia

- Geographical and cultural diversity
- Major civilizations (China, Japan, Korea)

2. Ancient East Asia

- Early civilizations: Shang, Zhou, Qin, Han dynasties in China
- Ancient Korea and Japan: early societies and cultural developments

3. Medieval East Asia

- Tang and Song dynasties in China
- Heian period in Japan
- Goryeo and Joseon dynasties in Korea



GOVERNMENT DEGREE COLLEGE, RAYACHOTY

(Affiliated to Yogi Vemana University)

Chittor Road, Rayachoty, Kadapa (Dist.)

ACCREDITED BY NAAC WITH "C" GRADE



DEPARTMENT OF HISTORY

History of East Asia

Course Outcomes:

Course outcomes for a history of East Asia course typically focus on ensuring students gain a comprehensive understanding of the region's history, its significance, and its impact on global affairs. Here are some suggested course outcomes:

1. Knowledge Acquisition:

1. Gain a detailed understanding of the major historical periods, events, and cultural developments in East Asia, including China, Japan, and Korea.
2. Identify key figures, movements, and ideologies that have shaped East Asian history.

2. Analytical Skills:

1. Develop critical thinking skills to analyze historical events, processes, and their implications within East Asia and in relation to global history.
2. Evaluate primary and secondary sources to assess historical interpretations and arguments.

3. Cultural Awareness:

1. Appreciate the diversity of cultures, religions, philosophies, and artistic expressions within East Asia.
2. Understand the interactions and exchanges between East Asian cultures and other regions over time.

4. Comparative Perspectives:

1. Compare and contrast the historical experiences of China, Japan, and Korea, highlighting similarities, differences, and interactions among them.
2. Analyze how East Asian history intersects with and influences global historical developments.

4. Early Modern East Asia

- Ming and Qing dynasties in China
- Tokugawa Shogunate in Japan
- Joseon dynasty in Korea

5. Modern East Asia

- Impact of Western imperialism and colonialism
- Meiji Restoration and modernization in Japan
- Qing Dynasty decline and Republican China
- Korea under Japanese rule

Contemporary East Asia

6. Chinese Civil War and Communist China

Post-WWII recovery and development in Japan and Korea

Cold War dynamics in East Asia

Economic rise of East Asia (China, Japan, South Korea)

5.Contextual Understanding:

1. Situate East Asian history within broader global contexts, including economic, political, social, and environmental factors.
2. Recognize the impacts of East Asia's historical developments on contemporary issues and trends.

6.Communication Skills:

1. Effectively communicate historical knowledge and analysis through written assignments, oral presentations, and class discussions.
2. Develop proficiency in using historical terminology and concepts accurately.

7.Ethical and Cultural Sensitivity:

1. Demonstrate awareness of ethical issues in studying and interpreting East Asian history, including biases, stereotypes, and cultural sensitivities.
2. Respectfully engage with diverse perspectives and narratives within East Asian history.

8.Research Proficiency:

1. Conduct independent research on specific topics related to East Asian history, utilizing a variety of primary and secondary sources.
2. Compile and analyze historical evidence to support arguments and interpretations.

9.Application of Knowledge:

1. Apply knowledge of East Asian history to analyze contemporary issues and developments in East Asia and globally.
2. Reflect critically on the relevance of historical lessons and insights for understanding current geopolitical dynamics.

10.Lifelong Learning:

1. Cultivate a curiosity and interest in further exploring East Asian history beyond the course, as part of lifelong learning and engagement with global history.

These outcomes aim to ensure that students not only acquire a deep understanding of East Asian history but also develop critical thinking, research, and communication skills that are essential for their academic and professional growth. Adjustments can be made based on the specific focus and level of the course, whether undergraduate or graduate.



GOVERNMENT DEGREE COLLEGE, RAYACHOTY

(Affiliated to Yogi Vemana University)

Chittor Road, Rayachoti, Kadapa (Dist.)

ACCREDITED BY NAAC WITH "C" GRADE



DEPARTMENT OF HISTORY

History of East Asia

Questionnaire:

Section 1: Multiple Choice

1. Which ancient Chinese philosopher is known for his teachings on moral and ethical conduct?

1. A) Confucius
2. B) Laozi
3. C) Sun Tzu
4. D) Zhuangzi

2. The Tang Dynasty is often regarded as a golden age of Chinese civilization primarily due to its:

1. A) Expansion of maritime trade routes
2. B) Development of the civil service examination system
3. C) Promotion of Buddhism and cultural exchange
4. D) Conquest of neighboring states

3. Which of the following Japanese historical periods is characterized by the dominance of the samurai warrior class and feudal lords (daimyo)?

1. A) Heian period
2. B) Kamakura period
3. C) Edo period
4. D) Meiji period

Section 2: True or False

4. True or False: The Korean Peninsula was unified under the Silla dynasty in the 7th century CE.
5. True or False: The Opium Wars in the mid-19th century significantly weakened the Qing Dynasty in China.
6. True or False: Japan maintained a policy of isolationism during the Tokugawa shogunate, restricting foreign trade and contact.

Section 3: Short Answer

7. Describe the significance of the Silk Road in facilitating cultural and economic exchange between East Asia and the rest of the world during ancient times.
8. Explain the impact of the Meiji Restoration on Japan's modernization and transformation into an industrialized nation.

1.

Section 4: Essay Question

9. Compare and contrast the impact of European imperialism on China and Japan during the 19th and early 20th centuries. How did each country respond to foreign encroachment and what were the long-term consequences?

Section 5: Opinion Question

10. In your opinion, what do you think are the most important lessons that can be learned from studying the history of East Asia? Support your answer with examples from the course material.

FEED BACK FORM

On

Certificate Course: "History of East Asia"

Dear Participants,

We value your feedback on our certificate course "History of East Asia"our input is essential to help us improve and better serve your educational needs.

Please take a moment to complete this questionnaire.

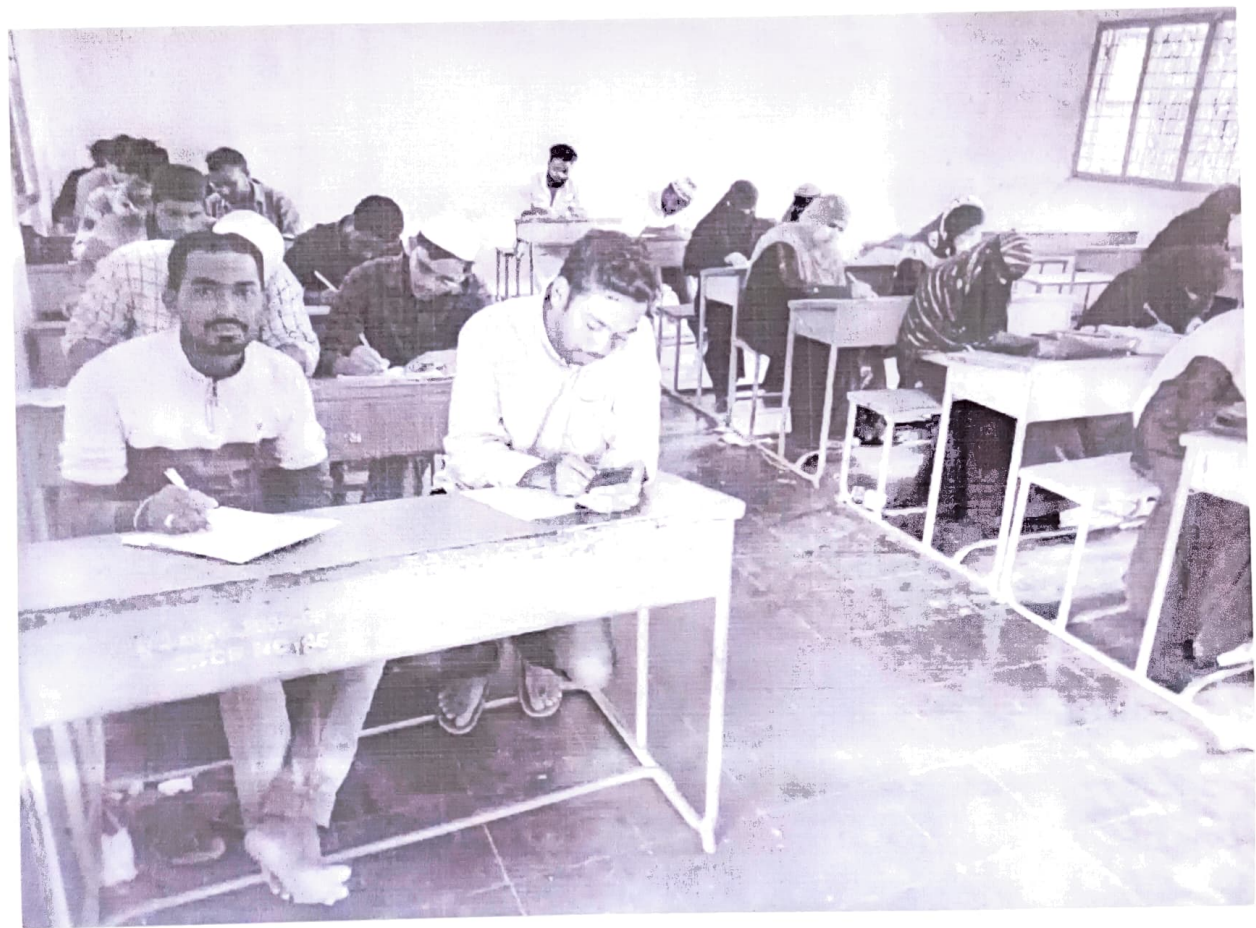
Please indicate tick mark among optioned mentioned against each question.

Name of the student: *Lodhi Firoz Ali Khan* (optional)

Class:

S.No	Question	Strongly agree	Agree	Disagree	Strongly disagree
1.	The objectives of the course were clearly defined		✓		
2	Instructor was well prepared to the classes	✓			
3	Time allotted for the course was sufficient		✓		
4	The course objectives were meet		✓		
5	Participation and interaction were encouraged	✓			

Any other suggestions:





Government Degree College Rayachoty



(Affiliated to Yogi Vemana University)

Chittoor Road Rayachoty Kadapa Dist 516269

CERTIFICATE

- This is Certify That Sri/Mr/Mrs Syed Aveshall BA HPU Government Degree College Rayachoty ,has Participated Certificate Course on History of East Asia Academic Year of 2018-2019.Organized by Department of History GDC Rayachoty. The course outcome is aware the Students Conditions of Islamic Countries in the World.

Md. Ismail

MD ISMAIL
Lecturer in History

Principal

Government Degree College Rayachoty

GOVERNMENT DEGREE COLLEGE

RAYACHOTY - 516269, KADAPA DISTRICT. (A.P.)

(Accredited with C Grade by NAAC)



**CERTIFICATE COURSE
ON
HORTICULTURE AND CROPS**

DEPARTMENT OF BOTANY

2018-2019

Certificate Course Convener:
N.RAJA SEKHAR REDDY
LECTURER IN BOTANY
Government Degree College, Rayachoty



GOVERNMENT DEGREE COLLEGE,

RAYACHOTY,YSR KADAPA(DISTRICT),A.P.516269

(Accredited with C grade by NAAC)

Department of Botany



From
N.Raja Shekar Reddy
Department of Botany,
Government Degree College
Degree,College
Rayachoty

To
S.Ramachandraiah
Principal
Government
Rayachoty

Subject: Request to Conduct Certificate Course on " HORTICULTURE AND CROPS."

Respected Madam,

I am writing to seek your approval to conduct a Certificate Course on " HORTICULTURE AND CROPS." at Government Degree College, Rayachoti, from 02.01.2019 to 18.02.2019. This course aims to provide an in-depth understanding of the, HORTICULTURE and practical knowledge and also skill development.

The course will be coordinated by Mr.N.Raja Sekhar Reddy Lecturer in Botany. The duration of the course will be 30 hours, and it will be held at Government Degree College, Rayachoti. The registration fee for the course is free of charge, and the registration deadline is 31.12.2018. I assure you that all necessary arrangements will be made to ensure the smooth conduct of the course, and the schedule will not interfere with regular academic activities. I kindly request your permission to proceed with the organization of this course.

Thank you for considering this request. I look forward to your positive response.

Sincerely,


Dept. of Botany

Government Degree College
Rayachoty.



GOVERNMENT DEGREE COLLEGE,

RAYACHOTY, YSR KADAPA (DISTRICT), A.P. 516269

(Accredited with C grade by NAAC)

Department of Botany



Date: 31.12.2018

CIRCULAR

To,
All students and faculty Members,
Government Degree College, Rayachoty.


Dear Sir/Madams,

We are pleased to announce a certificate course on HORTICULTURE AND ITS CROP to be conducted at Government Degree College Rayachoty. This course aims to provide the practical knowledge and skill development for the students.

Course Details

Course Duration: 02.01.2019 to 18.02.2019 (30 Hours)

Venue: Government Degree College Rayachoty.

Course Co-Ordinator: N. Raja Shekar Reddy

Registration Fee: Free

Interested participants are requested to register for the course by filling out the registration form available in the Department of Botany.





D. Lalitha, M. S.

GOVERNMENT DEGREE COLLEGE, RAYACHOTY.

DEPARTMENT OF BOTANY

STUDENT LIST ENROLLED IN CERTIFICATE COURSE

Title: HORTICULTURE AND CROPS

List of the students successfully completed the course.

This course was conducted from **02.01.2019 TO 18.02.2019.**

2018-2019

S.NO	STUDENT NAME	CLASS
1	T.THANUSHA	1BZC
2	S.MOHAMMAD SUHAIL	1BZC
3	B.RAJESH KUMAR	1BZC
4	T.VENKATA NIVAS	1BZC
5	U.SIVA SAI KUMAR	1BZC
6	D.KANAKA DURGAIAH	11BZC
7	D.VENKATAPPA	11BZC
8	P.SREEDHAR	11BZC
9	T.VENKATESH	11BZC
10	G.VENU GOPAL	111BZC
11	S.MOHAMMAD AFZAL	111BZC
12	G.NARASIMHULU	111BZC
13	REDDY LAKSHMI RASAD	111BZC
14	L.NAGARJUNA	111BZC
15	M.MALLI KARJUN REDDY	111BZC
16	P.ANURADHA	111BZC

GOVERNMENT DEGREE COLLEGE, RAYACHOTY

DEPARTMENT OF BOTANY

CERTIFICATE COURSE

ON

HORTICULTURE AND CROPS

SYLLABUS

Unit I : Introduction to Horticulture

12 Hrs.

1. Horticulture: Definition, importance of horticulture in terms of economy, production, employment generation, environmental protection and human resource development.
2. Divisions of horticulture with suitable examples and their importance.
3. Area, production of Horticultural crops in A.P. and India.
4. Fruit and vegetable zones of India and Andhra Pradesh.
5. Export scenario and scope for Horticulture in India.

Unit II : Classification Horticulture Crops

12 Hrs.

1. Classification of horticultural crops based on soil and climatic requirements.
2. Vegetable cropgardens – Nutrition and kitchen garden – tracer garden – vegetable forcing – market garden – roof garden.
3. Gardens in floriculture – flower gardens – soil and mixed gardens; land scape Horticulture.

GOVERNMENT DEGREE COLLEGE

RAYACHOTY - 516269, KADAPA DISTRICT. (A.P.)

(Accredited with C Grade by NAAC)

CERTIFICATE COURSE IN HORTICULTURE AND CROPS

OUTCOMES

Fundamentals of Horticulture Course Outcome

1. - students will be able to identify plant vegetative structure
- 2.- students will understand basic principles, processes and plant propagation methods.
- 3.- students will understand how to propagate plant, manage and harvest a variety of plant
- 4.-students will learn how horticulture relates to the economy and environments, both currently and in the future.
- 5.-This program will also help students to enhance their employability for jobs in different sectors.

**DEPARTMENT OF BOTANY
CERTIFICATE COURSE EXAMINATION PAPER**

Title: HORTICULTURE AND CROPS

Duration: 20 min.

1. Directorate of Onion and Garlic Research (DOGR) is situated at

- (A) Shimla
- (B) Nasik
- (C) New Delhi
- (D) Lucknow

Ans. B

2. Central Arid Zone Research Institute (CAZRI) is located at

- (A) Jodhpur
- (B) Nagpur
- (C) Bikaner
- (D) Pune

Ans. A

3. National Horticulture Mission (NHM) was started in

- (A) 2000-01
- (B) 2003-04
- (C) 2001-02
- (D) 2005-06

Ans. D

4. National Research Centre for Litchi (NRCL) is located at

- (A) Pune
- (B) Muzaffarpur
- (C) Lucknow
- (D) Kolkata

Ans. B

5. Central Drug Research Institute is situated at

- (A) Lucknow
- (B) Mumbai
- (C) New Delhi
- (D) Hyderabad

Ans. A

6. National Biodiversity Authority is located at

- (A) Chennai
- (B) New Delhi
- (C) Nagpur
- (D) Gurgaon

Ans. A

7. Central Institute of Post-Harvest Engineering and Technology (CIPHET) is located at

- (A) Haryana
- (B) Pune
- (C) Ludhiana
- (D) Gurgaon

Ans. C

8. International Potato Research Centre at

- (A) Shimla
- (B) Peru
- (C) Rome
- (D) USA

Ans. B

9. Father of Horticulture

- (A) Thomas Andrew Knight
- (B) Liberty Hyde Bailey
- (C) John Lindley
- (D) All of the above

Ans. D

10. Word "Horticulture" is derived from

- (A) Latin
- (B) English
- (C) Greek
- (D) Italic

Ans. A

11. All India Coordinated Vegetable Improvement Project (AICVIP) was started in

- (A) 1991-92
- (B) 1981-82
- (C) 1970-71
- (D) 1960-61

Ans. C

12. First commercial vegetable seed production unit in India was established in 1942 at

- (A) Quetta
- (B) Kullu
- (C) Nilgiri
- (D) Pusa

Ans. A

13. Under the All India Coordinated Vegetable Improvement Project (AICVIP), India is divided into agro-climatic zones

- (A) 8
- (B) 12
- (C) 18
- (D) 24

Ans. A

14. New seed police was launched in

- (A) 1982
- (B) 1992
- (C) 1988
- (D) 1986

Ans. C

15. Pomology is derived from

- (A) Latin
- (B) French
- (C) English
- (D) Greek

Ans. D

16. Who recommended copper sulphate for seed treatment of wheat against bunt and demonstrated its fungi-toxic value first time

- (A) Mason
- (B) Benedict Prevost
- (C) Singh
- (D) P.M.A. Millardet

Ans. B

17. Among all the Aflatoxins, Aflatoxin Bi is the most toxic. Which species of Aspergillus produce/s Aflatoxin B₁ and B₂

- (A) *Aspergillus niger*
- (B) *Aspergillus flavus*
- (C) *Aspergillus parasiticus*
- (D) Both B and C

Ans. D

18. Which species of Aspergillus produces Aflatoxin G₁ and G₂.

- (A) Aspergillus niger
- (B) Aspergillus flavus
- (C) Aspergillus parasiticus
- (D) Both B and C

Ans. C

19. Who introduced burgundy mixture using sodium carbonate in place of lime?

- (A) Mason
- (B) Narsimhan
- (C) Singh
- (D) P.M A. Millardet

Ans. A

20. Who discovered "Bordeaux mixture" to control downy mildew of grapevine by using copper sulphate (blue stone) and hydrated lime?

- (A) Mason
- (B) Narsimhan
- (C) Singh
- (D) P.M A. Millardet

Ans. D

21. In 1942 which of the Indian scientist developed "Chaubatia paste" in Almora district (UP) as a wound dressing fungicide for this he used copper carbonate, Lead oxide and linseed oil

- (A) Mason
- (B) Narsimhan
- (C) Singh
- (D) P.M A. Millardet

Ans. C

22. What is the actual ratio of copper carbonate, Lead oxide and Linseed oil in "Chaubatia Paste?"

- (A) 1:1:1.25
- (B) 1:1:1.5
- (C) 2:1:2
- (D) 1:2:2

Ans. A

23. Who discovered first broad spectrum antibiotic Streptomycin in 1943

- (A) Weindling
- (B) Von Schmeling and Marshal Kulka
- (C) S.A. Waksman and A. Schatz
- (D) S.M. Idris

Ans. C

24. Who discovered first systemic fungicide "Oxathin"

- (A) Weindling
- (B) Von Schmeling and Marshal Kulka
- (C) S. A. Waksman and A. Schatz
- (D) S.M. Indris

Ans. B

25. Who developed the concept of vivo toxins and worked out the mechanism of wilting in cotton due to production of fusaric acid by *Fusarium oxysporum f. sp. vasinfectum*

- (A) J.F. Dastur
- (B) K.R. Kirtikar
- (C) T.S. Sadasivan
- (D) S.N. Dasgusta

Ans. C

FEED BACK FORM

On

Certificate Course: HORTICULTURE AND CROPS

Dear Participants,

We value your feedback on our certificate course on "HORTICULTURE AND CROPS"

Your input is essential to help us improve and better serve your educational needs. Please take a moment to complete this questionnaire.

Please indicate tick mark among option mentioned against each question.

Name of the student: T. Thanusha....(optional)

Class: I.B2e

S.No	Question	Strongly agree	Agree	Disagree	Strongly disagree
1.	The objectives of the course were clearly defined	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	Instructor was well prepared to the classes	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	Time allotted for the course was sufficient	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	The course objectives were meet	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	Participation and interaction were encouraged	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Any other suggestions: Useful to self-employment career to further purpose

GOVERNMENT DEGREE COLLEGE, RAYACHOTY

Affiliated to Yogi Vemana University, Kadapa



Accredited with C grade by NAAC

CERTIFICATE

This is certify that Mr/Miss T.Thanusha studying I.B.Z.C has

Successfully completed the certificate course in **HORTICULTURE AND CROPS**

Applications from 02.01.2019 to 18.02.2019 conducted by the

Department of Botany during the Academic Year 2018 - 2019


Co-ordinator


Principal
PRINCIPAL
GOVT. DEGREE COLLEGE
RAYACHOTY