



**GOVT. DEGREE COLLEGE, ETURNAGARAM-506165**  
**MULUGU (DIST), TELANGANA STATE**  
**(Accredited By NAAC with "B++" Grade)**

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**Introduction of Certificate Course**  
**Organized by Department of Commerce**

Course Code	:	
Duration	:	30 Days
Theory	:	15 Hours
Practical's/Hands on practice	:	15 Hours
Course Title	:	Tally ERP9

**Topics to be covered**

**Basic of Accounts**

- Basics of accounts
- Classification of account heads
- Introduction of Tally Company Creation
- Creating of chart of account
- Main functions in accounts info
  - Ledger Creation
  - Voucher entry
  - Single mode, double mode
  - Accounting reports
- Accounts
- Accounts with
- Creations stock group, units of measure, stack Items
- Delete of stock of stock Items

**Evaluation:**

- Test : 100 marks

**Certificate Presentation:**

- The certificates will be given to all successful candidates of Certificate Course

  
**Co-ordinator - IQAC**  
Govt. Degree College, Etumagaram  
Dist: Mulugu - Telangana State.

  
**PRINCIPAL**  
Government Degree College  
ETURNAGARAM  
Mulugu Dist-506165

**GOVT. DEGREE COLLEGE, ETURNAGARAM-506165**  
**MULUGU (DIST), TELANGANA STATE**  
 (Accredited By NAAC with "B++" Grade)

**Certificate Course on "Tally ERP9"**

Organized by the Department of Commerce

DAY	TOPICS TO BE COVERED	SUBJECT TOPIC
1	Introduction to Accounts	Definition of accounts, book keeping Book Keeping of Accountancy, Accounting Concepts and Classes of Accounts
2	Classification of Accounts-Head	Capital Accounts, Current Accounts, Current Liabilities, Investments, Loans, Suspense Account, Sales Accounts, Purchase Account and Direct and Indirect Expenses
3	Introduction of Tally	Company Creation (Company Info)-Select Company and Create Company
4	Gate way of Tally of an Accounts only Company	Current period, Current Data, list of selected companies, Button (Short cut keys)
5	Creating of Chart of Accountings	name of Accounts and under group
6	Main Functions in Accounts Info	accounts Info, Ledger, Single Ledger and Multi-ledger
7	Voucher Entry	F4-Contra entry voucher
		F5-pamymment Voucher
		F6-Receipt Voucher
		F7-Journal
		F8-Sales
		F9-Purchase
8	Reports	F10-Memo's
9	Accounts only-Problems Accounts with Inventory	Cash Book
10	Accounts only-Problems Accounts with Inventory	Purchase Register
11	Accounts only-Problems Accounts with Inventory	Sales
12	Accounts only-Problems Accounts with Inventory	Trial Balance
13	Accounts only-Problems Accounts with Inventory	Trial Balance
		Balance Sheet

14	Accounts only-Problems Accounts with Inventory	Lab work
15	Accounts only-Problems Accounts with Inventory	Lab work
16	Accounts only-Problems Accounts with Inventory	Lab work
17	Accounts only-Problems Accounts with Inventory	Lab work
18	Accounts only-Problems Accounts with Inventory	Lab work
19	Accounts only-Problems Accounts with Inventory	Lab work
20	Accounts only-Problems Accounts with Inventory	Lab work
21	Accounts only-Problems Accounts with Inventory	Lab work
22	Accounts only-Problems Accounts with Inventory	Lab work
23	Accounts only-Problems Accounts with Inventory	Lab work
24	Accounts only-Problems Accounts with Inventory	Lab work
25	Accounts only-Problems Accounts with Inventory	Lab work
26	Accounts only-Problems Accounts with Inventory	Lab work
27	Accounts only-Problems Accounts with Inventory	Lab work
28	Accounts only-Problems Accounts with	Lab work
29	Accounts only-Problems Accounts with	Lab work
30	Accounts only-Problems Accounts with Inventory	Lab work



# GOVT. DEGREE COLLEGE, ETURNAGARAM

## MULUGU DISTRICT

### LIST OF PARTICIPATED CADIDATES IN TALLY CERTIFICATE COURSE

SL. NO.	NAME OF THE STUDENTS	FATHERS NAME	GROUP	YEAR
1	B.Benny		B.COM (CA)	III
2	SK.Khaja Pasha		B.COM (CA)	III
3	G.Maresh		B.COM (CA)	III
4	K.Spandana		B.COM (CA)	III
5	A.Harikrishna		B.COM (CA)	III
6	T.Sujith		B.COM (CA)	III
7	V.Nishanth		B.COM (CA)	III
8	B.Sandhya Rani		B.COM (CA)	III
9	P.Shirisha		B.COM (CA)	III
10	CH.Soukya		B.COM (CA)	III
11	P.Kiran		B.COM (CA)	III
12	SK.Abbu		B.COM (CA)	III
13	A.Ajay Kumar	Rama krishna	B.COM (CA)	II
14	B.Pujitha	Sreenu	B.COM (CA)	II
15	B.Tharun	Shankar	B.COM (CA)	II
16	B.Ramya	Sathyam	B.COM (CA)	II
17	CH.Madhu Mohan Krishna	Pullaiah	B.COM (CA)	II
18	D.Sai Kiran	Bhaskar	B.COM (CA)	II
19	J.Lokesh	Omkar	B.COM (CA)	II
20	k.Jyothna	Sammaiah	B.COM (CA)	II
21	k.Sreevani	Sreenu	B.COM (CA)	II
22	K.kavya	Laxmaiah	B.COM (CA)	II
23	MD.Mushaid	Jaleel	B.COM (CA)	II
24	MD.Afreen sulthana	Mohammad khan	B.COM (CA)	II
25	N.Harshith	Paparao	B.COM (CA)	II
26	P.Srivalli	Ramesh	B.COM (CA)	II
27	T.Nagalaxmi	Sathi babu	B.COM (CA)	II
28	T.Asha	Ramesh	B.COM (CA)	II
29	T.Venu Shankar	Ramesh	B.COM (CA)	II
30	U.Swapna	Saraiah	B.COM (CA)	I
31	E.Navva	Satyanarayana	B.COM (CA)	I
32	J.Rani	Ravi	B.COM (CA)	I
33	SK.Aasmin	Basha	B.COM (CA)	I
34	N.Komalika	Kondal	B.COM (CA)	I
35	G.Varnitha	Narender	B.COM (CA)	I

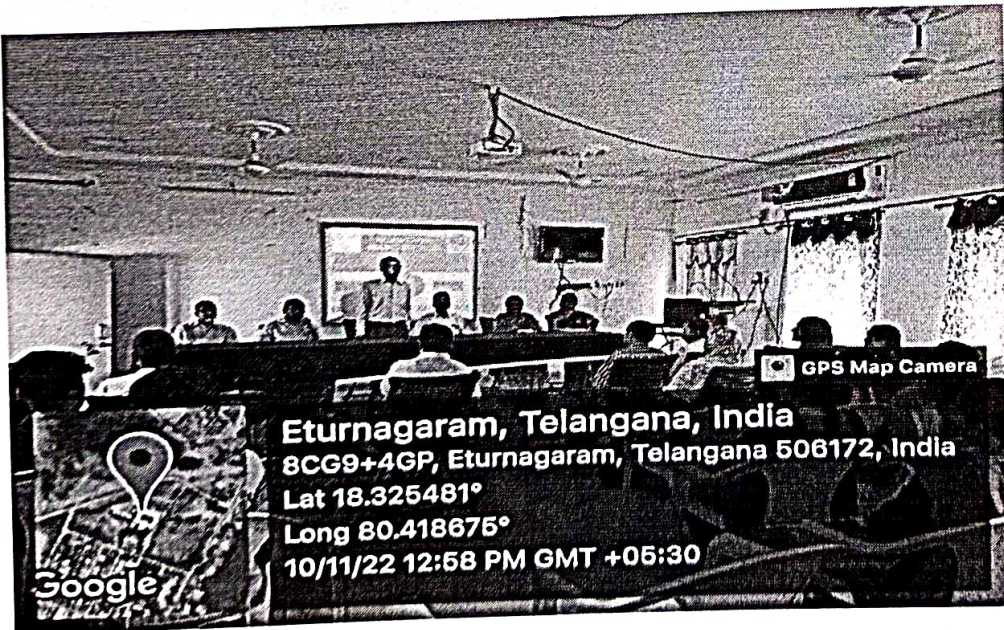
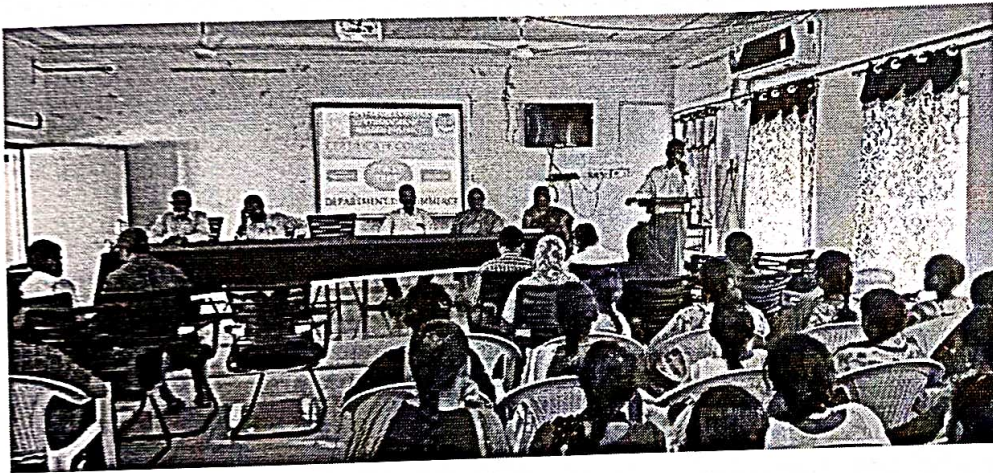


36	J.Soundhrya	Muthaiah	B.COM (CA)	I
37	P.Venkateshwarlu	Kanakaiah	B.COM (CA)	I
38	N.Sneha	Kantha Rao	B.COM (CA)	I
39	B.Rajesh	Venugopal chary	B.COM (CA)	I
40	S.Manikanta	Bakkaiah	B.COM (CA)	I
41	G.Saiteja	Komuraiah	B.COM (CA)	I
42	P.Akshith kumar	Ashok Kumar	B.COM (CA)	I
43	CH.Sruthi Kalyan	Shankar Rao	B.COM (CA)	I
44	S.Shivaji	Venkanna	B.COM (CA)	I
45	G.Gunakaramanikanta Sai	Satyanarayana	B.COM (CA)	I
46	E.Spandana	Venkatanarayana	B.COM (CA)	I
49	P.Ramya sri	Paparao	B.COM (CA)	I
50			B.COM (CA)	I

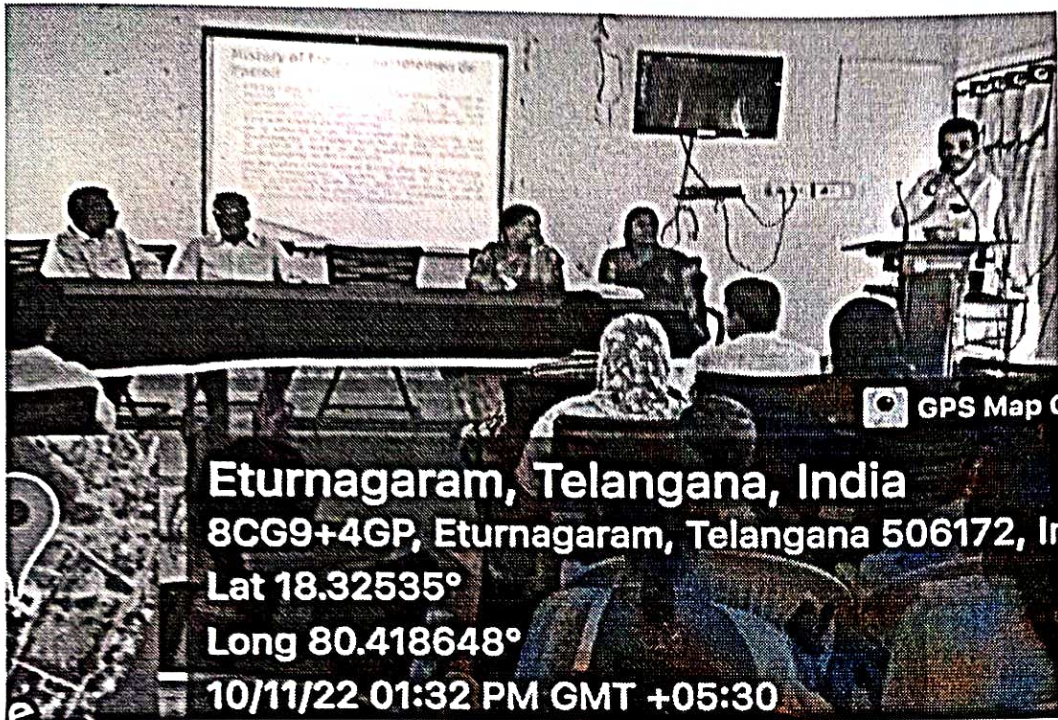
The Department of Commerce conducted a Certificate Course on Tally ERP9 for the benefit of the students in college for academic year 2022-23. The Incharge Principal Dr.M.Ravindar sir started the certificate course on 10-11-2022. The course period is 30 days and 60 periods. Nealy 50 students were participated and completed the certificate course. At the end of the course certificate were distributed among the students.











**Eturnagaram, Telangana, India**

**8CG9+4GP, Eturnagaram, Telangana 506172, In**

**Lat 18.32535°**

**Long 80.418648°**

**10/11/22 01:32 PM GMT +05:30**



**Eturnagaram, Telangana, India**

**8CG9+4GP, Eturnagaram, Telangana 506172,**

**Lat 18.325482°**

**Long 80.418675°**

**10/11/22 01:35 PM GMT +05:30**





4XHG+R4G, Pathepalle, Telangana 506343, India

Pathepalle  
Telangana  
India

2022-12-03(Sat) 03:06(PM)

30°C  
86°F





## టాలీ కోర్స్ ప్రారంభం



### మాట్లాడుతున్న రవీందర్

ఏటూరునాగారం : కామర్స్ విద్యార్థులు టాలీ కోర్స్‌ను సద్వినియోగం చేసుకోవాలని ప్రభుత్వ డిగ్రీ కళాశాల ఇన్‌చార్జ్ ప్రిన్సిపాల్ డాక్టర్ రవీందర్ అన్నారు. గురువారం మండల కేంద్రంలోని ప్రభుత్వ డిగ్రీ కళాశాలలో కామర్స్ డిపార్ట్‌మెంట్ ఆధ్వర్యంలో టాలీ సర్టిఫికేట్ కోర్స్‌ను ఆయన ప్రారంభించి, మాట్లాడారు. వివిధ కంపెనీలలో ఉద్యోగ అవకాశాలు లభిస్తాయన్నారు. కంపెనీలలో అకౌంటింగ్ ఆపరేటర్‌గా ఉద్యోగం పొందవచ్చని ఆయన అన్నారు. అనంతరం డిపార్ట్‌మెంట్ ఆఫ్ కామర్స్ హెచ్‌ఓడీ చిన్న మాట్లాడుతూ సర్టిఫికేట్ కోర్సుకు సంబంధించిన సిలబస్, లక్ష్యాలను, కోర్సు కాలవ్యవధి, ప్రాధాన్యతను వివరించారు. సమావేశంలో డాక్టర్ బి.రేణుక, కామర్స్ ఫ్యాకల్టీ, అధ్యాపక బృందం, విద్యార్థులు పాల్గొన్నారు.



## GOVERNMENT DEGREE COLLEGE, ETURNAGARAM

Mulugu (Dist)., Telangana State , India - 506165

(Affiliated to Kakatiya University , Accredited with B\*\* Grade by Name)

Department of Commerce

Certificate of Appreciation

This is to certify that \_\_\_\_\_, of \_\_\_\_\_ has  
Participated in certificate course in "TALLY- ERP9" from 10-11-2022 To 16-12-2022 Organized  
by department of commerce.

Dr.J .Chinna  
Co-Ordinator

Dr.M.Ravindar  
IQAC, Co-Ordinator

Dr.B.Ramulu  
Principal

B. Ref.

Co-Ordinator - IQAC  
Govt Degree College, Etunagaram  
Dist: Mulugu - Telangana State.

PRINCIPAL  
Government Degree College  
ETURNAGARAM  
Mulugu Dist-506165





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by department of commerce.

Dr.J. Chinna

Co-Ordinator

Dr.M.Ravindar

IQAC, Co-Ordinator

Dr.B.Ramulu

Principal

**CERTIFICATE COURSE IN  
“AN OVERVIEW OF TELANGANA ECONOMY”**



17-02-2023 to 27-03-.2023

**DEPARTMENT OF ECONOMICS**

**GOVT. DEGREE COLLEGE, ETURNAGARAM, MULUGU DISTRICT**

Date: 09-01-2023

To  
The Principal,  
Govt. Degree College, E  
turnagaram.

Sir,

**Sub: Department of Economics-**  
conducting of Interdisciplinary certificate course on "An overview  
of Telangana Economy"-Request-Reg.

With reference to the subject cited above I submit that the department of Economics is proposing to conduct an interdisciplinary certificate course on "An overview of Telangana Economy in the academic year 2022-23. The course duration is 30 days. The resource persons are drafted from our department itself for conducting this course. Hence this is our humble request for the permission for the conducting of above course.

Thanking you sir



(Dr M Ravindar)

Head Department of Economics

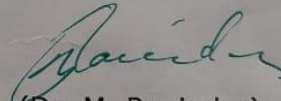




## CIRCULAR

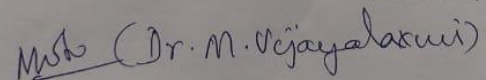
Date: 10-01-2023

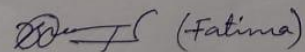
This is to inform that the department of Economics is going to conduct an inter disciplinary certificate course from 17.02.2023 to 27.03.2023 for 3<sup>rd</sup> year students of all groups on " **An overview of Telangana Economy**" The students who are interested can enroll their names to concerned department on or before 17.02.2023. The duration of the course is 10 days. The candidates who secure 40% of the marks in the examination will get the certificate.

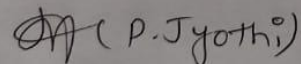


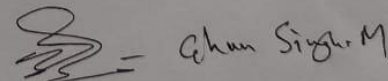
(Dr. M. Ravindar)

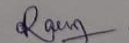
Head Department of Economics

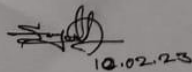
 (Dr. M. Vejayalakshmi)


 (Fatima)

 (P. Jyothi)

 - Ghan Singh M

 - Ram

  
10.02.23





**DEPARTMENTAL RESOLUTION**

## Departmental Meeting

19.08.2022

The departmental meeting of Department of Economics was held on 19.8.2022 in the chamber of Economics department. In this meeting following resolutions were made unanimously.

1. Conduct remedial classes
2. Conduct bridge course classes
3. special classes for slow learners and failed students
4. Celebrate and observe days of importance, national and international and birth days of eminent Economists.
5. Conduct field trips
6. Conduct certificate courses
7. Conduct student Centre activities like Student Seminars, Quiz etc.
8. Arrange guest lectures and extension lectures.

*Place*  
 (Dr M. Ravindhr)  
 Head Dept Econy



## Report

<b>Name of the Certificate Course</b>	An Overview of Telangana Economy
<b>Duration</b>	From 17.02.2023 to 28.03-.2023
<b>Enrollment</b>	20 students
<b>Objectives of the Course</b> (The students are enabled)	<ol style="list-style-type: none"><li>1. To understand the Economic features of Telangana Economy</li><li>2. To analyze the various sectors of GSDP of Telangana State</li><li>3. To know the Agriculture sectors and irrigation facilities in the state</li><li>4. To know the effectiveness of Government initiatives such as Mission kakatiya, Bhageeradha,Raithu &amp; Dalitha bandhu</li></ol>
<b>Learning Outcomes</b> (after the completion of course students should be able to )	<ol style="list-style-type: none"><li>1. understand the nature and growth trends of Telangana Economy</li><li>2. Understand the various programme for state development.</li></ol>
<b>Teaching and Learning Activities</b>	Lecture method, group discussions, Project work
<b>Evaluation</b>	50 Marks Objective type questions
<b>Feedback</b>	
<b>Resource Persons</b>	<ol style="list-style-type: none"><li>1. Dr. M Ravindar, Associate Professor of Economics</li></ol>

<b>Assessment Criterion</b>	Grading system (40-50-A, 30-40-B, 20-30-C, 10-20-D)
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## **SYLLABUS OF THE COURSE**

### **Telangana Economy**

#### Unit-I

- 1.Economic History of Telangana
- 2.Occupational Distribution of Population in Telangana – Sectoral Distribution of Population
- 3.Trends in Gross State Domestic Product and per capita Income in Telangana

#### Unit-II

- 1.Inequalities in the Distribution of Income and Wealth –
2. Poverty in Telangana Trends, Causes & Consequences –
- 3.Unemployment in the Telangana: Trends, Causes & Consequences –
4. Poverty Alleviation & Employment Generation Programmes in Telangana.

#### Unit- III:

#### Sectoral Importance

- 1.Growth of Agriculture in Telangana Economy
- 2.Structure of Telangana Industry – Growth and Pattern of Industrial Development
- 3.Service Sector-Components, significance, Growth trends



## PHOTO GALLERY

### Certificate course in "An Overview of Telangana Economy"









## **Results**

**CERTIFICATE COURSE IN  
"AN OVERVIEW OF TELANGANA ECONOMY"**

Sl.No	Hall Ticket	Name of the Student	Grade
1	389211004	CHANDA SUDHEER	A
2	389211006	CHOULAM PRIYANKA	B
3	389211007	DABBAGATLA SUNIL KUMAR	B
4	389211008	DIDDI HEMANTH	C
5	389211011	GOURABOINA ROHITH	A
6	389211019	KUMMARI SHIVAKUMAR	B
7	389211021	MALOTH RAJESH	C
8	389211022	MESSU SRAVANTHI	C
9	389211023	NAGULA POOJA	B
10	389211024	NAGULA RAJA SHEKHAR	B
11	389211025	NALI SRUJANA	B
12	389211026	NALLEBOINA RAJKUMAR	B
13	389211027	PODEM RAVIKUMAR	C
14	389211028	PRAKASH CHELA	B
15	389211029	PUTTA VISHNU VARDHAN	A
16	389211030	SADHANAPALLY SANDHYA	B
17	389211031	SAIJYOTHI ALLEM	B
18	389211034	ADDU THARUN	B
19	389211035	AMBARIKANI VINITH	A
20	389211036	BEJJANI REVANTH	C

## ATTENDANCE SHEET

**CERTIFICATE COURSE IN  
"AN OVERVIEW OF TELANGANA ECONOMY"  
Names of the students Enrolled, attendance**

Sl. No	H T No	Name of the student	Februry						March			
			17	20	21	22	23	24	7	8	23	24
1	389211004	CHANDA SUDHEER	P	P	P	P	P	P	P	P	P	P
2	389211006	CHOULAM PRIYANKA	P	P	P	P	P	P	P	P	A	P
3	389211007	DABBAGATLA SUNIL KUMAR	P	P	P	A	P	P	P	P	P	P
4	389211008	DIDDI HEMANTH	P	P	P	P	P	P	P	A	P	P
5	389211011	GOURABOINA ROHITH	P	P	P	P	P	A	P	P	P	P
6	389211019	KUMMARI SHIVAKUMAR	P	P	P	A	P	P	P	P	A	P
7	389211021	MALOTH RAJESH	P	P	P	P	P	P	P	P	P	P
8	389211022	MESSU SRAVANTHI	P	P	P	P	P	P	P	P	P	P
9	389211023	NAGULA POOJA	P	P	P	P	P	P	P	P	A	P
10	389211024	NAGULA RAJA SHEKHAR	P	P	P	P	P	P	P	A	P	P
11	389211025	NALI SRUJANA	P	P	P	P	P	P	P	P	P	P
12	389211026	NALLEBOINA RAJKUMAR	P	P	P	A	P	A	P	P	P	P
13	389211027	PODEM RAVIKUMAR	P	P	P	P	P	P	P	P	P	P
14	389211028	PRAKASH CHELA	P	P	P	A	P	P	A	P	P	P
15	389211029	PUTTA VISHNU VARDHAN	P	P	P	P	P	P	P	P	P	P
16	389211030	SADHANAPALLY SANDHYA	P	P	P	P	A	P	P	P	P	P
17	389211031	SAIJYOTHI ALLEM	P	P	P	P	P	P	P	P	P	P
18	389211034	ADDU THARUN	P	P	A	P	P	P	A	P	P	P
19	389211035	AMBARIKANI VINITH	P	P	A	P	P	P	P	A	P	P
20	389211036	BEJJANI REVANTH	P	P	P	P	P	P	P	P	P	P

*Bejjani Revanth*  
HOD, Economics



**CERTIFICATE OF PARTICIPATION**



**GOVERNMENT DEGREE COLLEGE, ETURNAGARAM**  
Mulugu(Dist) ,Telangana State , India-506165

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Department of Economics

Certificate of Appreciation

This is to certify that \_\_\_\_\_, of \_\_\_\_\_ has

Participated in certificate course in " **An overview of Telangana economy** " from 17.02.2023 to

28.03-.2023 Organized by department of Economics

Dr.M.Ravinder  
Course Co-Ordinator

Dr.M.Ravindar  
IQAC, Co-Ordinator

Dr.M.Ghan Singh  
Academic Co-rdinator

Dr.B.Ramulu  
Principal

# Feedback Form

## Certificate course in "An Overview of Telangana Economy"

Name of the Student:

Hall Ticket No:

Group

(Tick the appropriate one)

1. The interest generated in the students while teaching in the Topic  
 1-Poor,  2-Average,  3-Good,  4- Very good,  5- Excellent
2. Clarity of expression of the speaker while teaching the topic/lesson  
 1-Poor,  2-Average,  3-Good,  4- Very good,  5- Excellent
3. Use of teaching learning methods like question answers, group discussion and participatory learning etc., in the class room.  
 1. Poor,  2-Average,  3-Good,  4- Very good,  5- Excellent
4. Curriculum of the certificate course is relevant to the students' needs and requirement.  
 1. Poor,  2-Average,  3-Good,  4- Very good,  5- Excellent
5. Overall opinion on the Certificate course  
 1. Poor,  2-Average,  3-Good,  4- Very good,  5- Excellent



CERTIFICATE COURSE IN MOBILE APPLICATION DEVELOPMENT

A Career Oriented "Certificate Course"

GOVERNMENT DEGREE COLLEGE, ETURNAGARAM

From : 14.11.2022 to 17.12.2022(class timing – 3:00pm to 4:00p.m)

Duration of the course: 28 Days

Organized by-

Department of Computer Science and Applications

Resource Person:

1. M.Sridhar
2. Sk.Munni
3. Number of intended hours required : 28

Preliminary information of the program				
Title of the course	CERTIFICATE COURSE IN MOBILE APPLICATION DEVELOPMENT			
Duration	28 Days			
Chairman of the Program	Dr. B. Ramulu			
Resource persons	1. M.Sridhar 2. Sk.Munni			
Involved other Departments	Department of Computer Science and Applications			
No. of students trained	65			
Total hours for course	28			





## Notice to Students

### **“A Certificate Course in MOBILE APPLICATION DEVELOPMENT”**

**Department of Computer Science and Applications**

**GOVERNMENT DEGREE COLLEGE, Eturnagaram**

Dear Students,

A Certificate course is going to be introduced in the College by the Department of Computers from 14.11.2022 to 17.12.2022 (28 days) on “Mobile Application Development” . In this course classroom sessions, Practical works and project works are going to be take part. Experts in the Computer Department field are going to deliver valuable lectures and suggestions. This course can develop the skills in Mobile Application Development to the involving students. The certificate and training outcome can provide self employability and job opportunities in computer field. Interested students can provide self employability and job opportunities in computer field. Interested students can apply on or before 07.11.2022 in the Examination branch of the college. Certificate will be provided to the students after successful completion of the syllabus.

*midhy*

Course coordinator

*Principa*

**PRINCIPAL**

Government Degree College  
ETURNAGARAM  
Mulugu Dist-506165



**Resolution of Certificate Course**

**“A Certificate Course in MOBILE APPLICATION DEVELOPMENT”**

**Department of Computer Science and Applications**

**GOVERNMENT DEGREE COLLEGE, Eturnagaram**

This is to resolve that the Head Department of Computers, Mr. M.Sridhar , Lecturer in Computer Science and Applications along with the Lecturer of Computer Science , Mrs. Sk.Munni met in a council under the Chairmanship of the Principal to initiate the “ Certificate course in Mobile Application Development” from 14.11.2022 to 17.12.2022.

*M. Sridhar*

Course coordinator

*Sk. Munni*

**PRINCIPAL**

Government Degree College  
ETURNAGARAM  
Mulugu Dist-506165



## Minutes of Certificate Course

### “A Certificate Course in MOBILE APPLICATION DEVELOPMENT”

Department of Computer Science and Applications

GOVERNMENT DEGREE COLLEGE, Eturnagaram

The Head Department of Computers, Mr. M.Sridhar , Lecturer in Computer Science and Applications along with the Mrs. Sk. Munni , Lecturer in Computer Science and Applications met in a Council under the Chairmanship of the Principal to introduce a “Certificate Course in Mobile Application Development”. Minutes proposed in the Meeting:

1. The course has to be started on 14.11.2022 and end with 17.12.2022.
2. The course has to be given interested students of I, II and III year studying in the college.
3. Course will include classroom sessions, laboratory work and project based learning.
4. Subject experts in the computers field are going to be take part as external resources to deliver the lectures on importance of course.
5. This program is mainly aimed to encourage students to additional skill development and to provide part time employability.

*midhy*

Course coordinator

*Sk. Munni*

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Mulugu Dist-506165



# Syllabus

**Introduction to Mobile A brief history of Mobile,** The Mobile Ecosystem, Why Mobile?, Types of Mobile Applications, Mobile Information Architecture, Mobile Design, Mobile 2.0, Mobile Web development, Small Computing Device Requirements.

**J2ME:** Overview The World of Java, Inside J2ME, J2ME Architecture, MIDlet Programming, J2ME Wireless Toolkit, Hello World J2ME Style, Multiple MIDlets in a MIDlet Suite

**Introduction to Android:** History of Android, Introduction to Android, Operating Systems, Android Development Tools, Android Architecture.

**Development Tools:** Installing and using Eclipse with ADT plug-in, Installing Virtual machine for Android sandwich/Jelly bean (Emulator), configuring the installed tools, creating a android project – Hello Word, run on emulator, Deploy it on USB-connected Android device

**User Interface Architecture:** Application context, intents, Activity life cycle, multiple screen sizes User Interface Design: Form widgets, Text Fields, Layouts, Button control, toggle buttons, Spinners(Combo boxes),Images, Menu, Dialog.

**Database:** Understanding of SQLite database, connecting with the database



Course Co-ordinator



PRINCIPAL  
PRINCIPAL

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ETURNAGARAM  
Mulugu Dist-506165

**GOVT. DEGREE COLLEGE, ETURNAGARAM-506165**  
**MULUGU (DIST), TELANGANA STATE**  
**(Accredited By NAAC with “B++” Grade)**

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**Certificate Course on “Mobile Application Development”**

Organized by the Department of Computer Science and Applications

<b>DAY</b>	<b>TOPICS TO BE COVERED</b>	<b>SUBJECT TOPIC</b>
1	Introduction to Mobile :A brief history of Mobile	The Mobile Ecosystem, Why Mobile?
2	Types of Mobile Applications	Mobile Information Architecture, Mobile Design, Mobile 2.0 Mobile Web development, Small ComputingDevice Requirements.
3	J2ME	Overview The World of Java, Inside J2ME, J2ME Architecture, MIDlet Programming,
4	J2ME	J2ME Wireless Toolkit, Hello World J2ME Style, Multiple MIDlets in a MIDlet Suite
5	Introduction to Android	History of Android, Introduction to Android, Operating Systems, Android Development Tools, Android Architecture
6	Development Tools	Installing and using Eclipse with ADT plug-in, Installing Virtual machine for Android sandwich/Jelly bean (Emulator), configuring the installed tools
7	Creating a android project	Hello Word, run on emulator, Deploy it on USB-connected Android device
8	User Interface Architecture	Application context, intents, Activity life cycle, Form widgets, Text Fields
9	User Interface Design	Layouts, Button control, toggle buttons,
10	User Interface Design	Spinners(Combo boxes),Images, Menu, Dialog
11	Database	Understanding of SQL database,
12	Database	Connecting with the database

13	Mobile Application development- work with	Lab work
14	Mobile Application development- work with	Lab work
15	Mobile Application development- work with	Lab work
16	Mobile Application development- work with	Lab work
17	Mobile Application development- work with	Lab work
18	Mobile Application development- work with	Lab work
19	Mobile Application development- work with	Lab work
20	Mobile Application development- work with	Lab work
21	Mobile Application development- work with	Lab work
22	Mobile Application development- work with	Lab work
23	Mobile Application development- work with	Lab work
24	Mobile Application development- work with	Lab work
25	Mobile Application development- work with	Lab work
26	Mobile Application development- work with	Lab work
27	Mobile Application development- work with	Lab work
28	Mobile Application development- work with	Lab work

*midhy*

Course Co-ordinator

*Principa*

**PRINCIPAL**

Government Degree Collage-  
ETURNAGARAM  
Mulugu Dist-506165

# GOVT. DEGREE COLLEGE, ETURNAGARAM

## MULUGU DISTRICT

### LIST OF PARTICIPATED CADIDATES IN "Mobile Application Development" CERTIFICATE COURSE

SL. NO.	NAME OF THE STUDENTS	GROUP	SIGNATURE
1	B.Naveen	MPCs -III	B. Naveen
2	D.Laya	MPCs -III	D. Laya
3	G.Priyanka	MPCs -III	G. priyanka
4	Sk.Karishma	MPCs -III	Sk. Karishma
5	K.Shyam kumar	MPCs -III	K. Shyam Kumar
6	Md. Vashiha Thabassum	MPCs -II	Md. vashiha
7	K.Navya	MPCs -II	K. Navya
8	T.Narender	MPCs -II	T. Narender
9	Syed Gousuddin	MPCs -II	Syed Gou
10	B.Maheswari	MPCs -II	B. Maheswari
11	A.Mark	MPCs -II	A. Mark
12	G.Amulya	MPCs -II	G. Amulya
13	A.Thrisha Bhargavi	BZCs-II	A. Trisha
14	B.Sai Sudha	BZCs-II	B. Sai Sudha
15	Md.Abdul Kareem	BZCs-II	Abdul Kareem
16	T.Shiva	BZCs-II	T. Shiva
17	Y.Pavan Kalyan	BZCs-II	Pavan Kalyan
18	Ch.Navya	MPCs-I	Ch. Navya
19	J.Ramya	MPCs-I	J. Ramya
20	R.Runeeth	MPCs-I	R. Runeeth
21	Sadiya Sulthana	MPCs-I	sadiya. sulthana.
22	U.Bhanu Prasad	MPCs-I	U. Bhanu prasad.
23	V.Srikanth	MPCs-I	V. Srikanth
24	B.Mahesh	BZCs-I	B. Mahesh
25	M.Sandhya	BZCs-I	M. Sandhya
26	M.Soujanya	BZCs-I	M. Sandhya
27	Md.Haani	BZCs-I	MD. Haani
28	Muskaan Sulthana	BZCs-I	M. Sandhya
29	S.Bhargav	BZCs-I	S. Bhargav
30	S.Leela Naveen	BZCs-I	S. Bhargav
31	P.Sandhya	BZCs-I	P. Sandhya
32	V.Sathwika	BZCs-I	V. Sathwika
33	Y.Sravani	BZCs-I	Y. Sravani
34	P.Lavanya	BA(CA)-II	P. Lavanya
35	B.Benny	B.COM (CA) III	B. Benny



36	G.Mahesh	B.COM (CA) III	G. Mahesh
37	K.Spandana	B.COM (CA) III	K. Spandana
38	A.Harikrishna	B.COM (CA) III	A. Harikrishna
39	B.Sandhya Rani	B.COM (CA) III	Sandhya Rani
40	P.Shirisha	B.COM (CA) III	P. Shirisha
41	CH.Soukya	B.COM (CA) III	Soukya
42	A.Ajay Kumar	B.COM (CA) II	A. Ajay Kumar
43	B.Pujitha	B.COM (CA) II	B. Pujitha
44	B.Ramya	B.COM (CA) II	B. Ramya
45	k.Jyothna	B.COM (CA) II	k. Jyothna
46	k.Sreevani	B.COM (CA) II	k. Sreevani
49	K.kavya	B.COM (CA) II	K. Kavya
50	MD.Afreen sulthana	B.COM (CA) II	Md. Afreen sulthana
51	P.Srivalli	B.COM (CA) II	P. Srivalli
52	T.Nagalaxmi	B.COM (CA) II	T. Nagalaxmi
53	T.Venu Shankar	B.COM (CA) II	T. Venu Shankar
54	E.Navya	B.COM (CA) I	E. Navya
55	J.Rani	B.COM (CA) I	J. Rani
56	N.Komalika	B.COM (CA) I	N. Komalika
57	G.Varnitha	B.COM (CA) I	G. Varnitha
58	J.Soundhrya	B.COM (CA) I	J. Soundhrya
59	N.Sneha	B.COM (CA) I	N. Sneha
60	S.Manikanta	B.COM (CA) I	S. Manikanta
61	P.Akshith kumar	B.COM (CA) I	P. Akshith kumar
62	CH.Sruthi Kalyan	B.COM (CA) I	CH. Sruthi Kalyan
63	S.Shivaji	B.COM (CA) I	S. Shivaji
64	E.Spandana	B.COM (CA) I	E. Spandana
65	P.Ramya sri	B.COM (CA) I	P. Ramya sri

The Department of Computer Science and Applications conducted a Certificate Course on "Mobile Application Development" for the benefit of the students in college for academic year 2022-23. The course period is 28 days and 28 periods. 65 students were participated and completed the certificate course. At the end of the course certificate were distributed among the students.

*midhy*  
Course Co-ordinator

*Principals*  
PRINCIPAL  
PRINCIPAL  
Government Degree College,  
ETURNAGARAM  
Mulugu Dist-506165

**GOVT. DEGREE COLLEGE, ETURNAGARAM**  
**MULUGU DISTRICT**

**LIST OF PARTICIPATED CADIDATES AND SUCCESSFULLY COMPLETED COURSE**

<b>SL. NO.</b>	<b>NAME OF THE STUDENTS</b>	<b>GROUP</b>	<b>SECURED GRADE</b>
1	B.Naveen	MPCs -III	B
2	D.Laya	MPCs -III	A
3	G.Priyanka	MPCs -III	A
4	Sk.Karishma	MPCs -III	A
5	K.Shyam kumar	MPCs -III	B
6	Md. Vashiha Thabassum	MPCs -II	A
7	K.Navya	MPCs -II	A
8	T.Narender	MPCs -II	B
9	Syed Gousuddin	MPCs -II	B
10	B.Maheswari	MPCs -II	B++
11	A.Mark	MPCs -II	B
12	G.Amulya	MPCs -II	A
13	A.Thrisha Bhargavi	BZCs-II	A
14	B.Sai Sudha	BZCs-II	B++
15	Md.Abdul Kareem	BZCs-II	A
16	T.Shiva	BZCs-II	A
17	Y.Pavan Kalyan	BZCs-II	A
18	Ch.Navya	MPCs-I	B
19	J.Ramya	MPCs-I	A
20	R.Runeeth	MPCs-I	B++
21	Sadiya Sulthana	MPCs-I	A
22	U.Bhanu Prasad	MPCs-I	A
23	V.Srikanth	MPCs-I	B++
24	B.Mahesh	BZCs-I	B++
25	M.Sandhya	BZCs-I	A
26	M.Soujanya	BZCs-I	A
27	Md.Haani	BZCs-I	A
28	Muskaan Sulthana	BZCs-I	A
29	S.Bhargav	BZCs-I	B++
30	S.Leela Naveen	BZCs-I	A
31	P.Sandhya	BZCs-I	A
32	V.Sathwika	BZCs-I	A
33	Y.Sravani	BZCs-I	B++
34	P.Lavanya	BA(CA)-II	B++
35	B.Benny	B.COM (CA) III	A

36	G.Mahesh	B.COM (CA) III	A
37	K.Spandana	B.COM (CA) III	A
38	A.Harikrishna	B.COM (CA) III	B++
39	B.Sandhya Rani	B.COM (CA) III	A
40	P.Shirisha	B.COM (CA) III	A
41	CH.Soukya	B.COM (CA) III	A
42	A.Ajay Kumar	B.COM (CA) II	A
43	B.Pujitha	B.COM (CA) II	A
44	B.Ramya	B.COM (CA) II	A
45	k.Jyothna	B.COM (CA) II	A
46	k.Sreevani	B.COM (CA) II	A
49	K.kavya	B.COM (CA) II	A
50	MD.Afreen sulthana	B.COM (CA) II	A
51	P.Srivalli	B.COM (CA) II	B++
52	T.Nagalaxmi	B.COM (CA) II	B++
53	T.Venu Shankar	B.COM (CA) II	A
54	E.Navya	B.COM (CA)I	A
55	J.Rani	B.COM (CA)I	A
56	N.Komalika	B.COM (CA)I	A
57	G.Varnitha	B.COM (CA)I	A
58	J.Soundhrya	B.COM (CA)I	A
59	N.Sneha	B.COM (CA)I	A
60	S.Manikanta	B.COM (CA)I	A
61	P.Akshith kumar	B.COM (CA)I	B++
62	CH.Sruthi Kalyan	B.COM (CA)I	A
63	S.Shivaji	B.COM (CA)I	A
64	E.Spandana	B.COM (CA)I	A
65	P.Ramya sri	B.COM (CA)I	A

*midhya*

Course Co-ordinator

*Principa*

PRINCIPAL  
PRINCIPAL

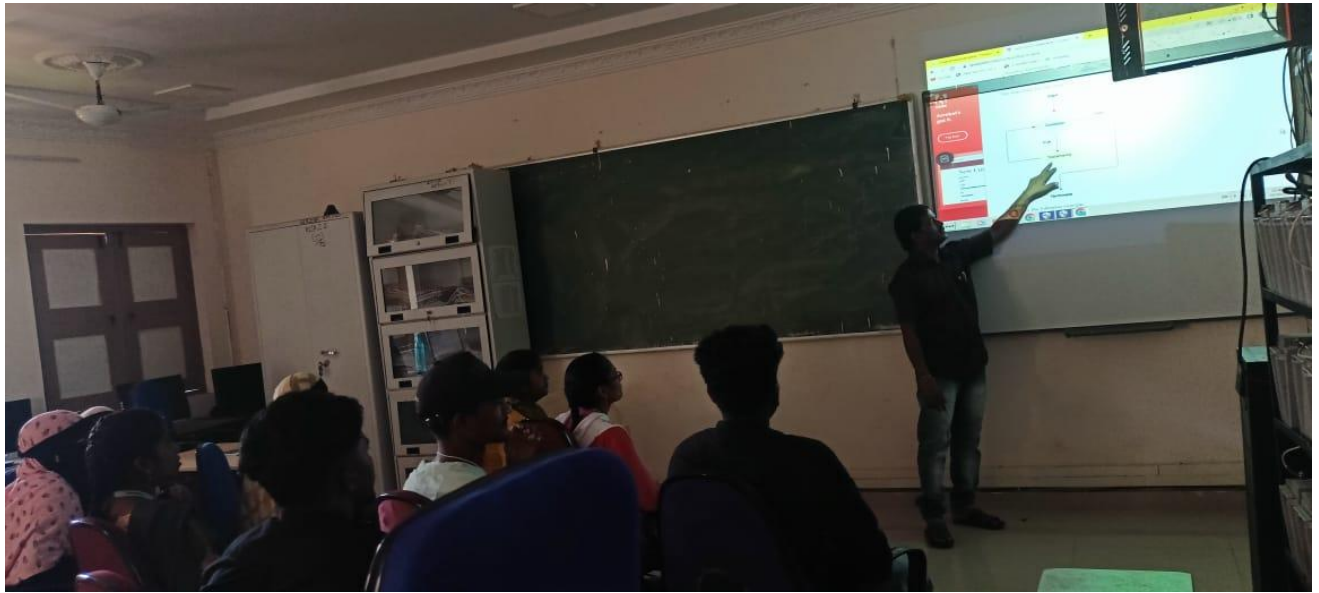
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Mulugu Dist-506165



PHOTOGRAPHIC EVIDENCES









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Course Co-ordinator

*Principa*

**PRINCIPAL**

Government Degree College  
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Mulugu Dist-506165

Career oriented CERTIFICATE COURSE

**ON**

**UNITED NATIONS SUSTAINABLE  
DEVELOPMENT GOALS (SDGS)**



**GOVT.DEGREE COLLEGE ETURNAGARAM**

**MULUGU DISTRICT**

**DEPARTMENT OF HISTORY**





# Career oriented CERTIFICATE COURSE ON

## **UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS (SDGS) -2022-23**

From

To

Ch. Venkataiah

The Principal,

Faculty in History,

Govt. Degree College,

Govt. Degree College,

Eturnagaram. Eturnagaram.

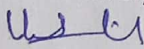
**Sub:** Regarding to start certificate course on "United Nations sustainable development Goals" of Department of History.

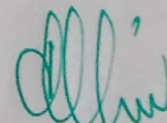
Respected sir/madam,

I am Ch. Venkataiah faculty in History in this college. This is regarding with conduct subject related certificate course introducing for students benefits of our department on "**United Nations sustainable development Goals**". The course duration should be 10 days. We are going to start in the academic year 2022-2023. So this is my humble request you to permit us for the conducting of above course.

Thanking you sir,

Yours sincerely

  
Ch. Venkataiah  
HOD History



Principal

Government Degree College  
ETURNAGARAM  
Mulugu Dist-506165





**GOVT.DEGREE COLLEGE,ETURNAGARAM**

**DEPARTMENT OF POLITICAL SCIENCE**

**SUBJECT RELATED CERTIFICATE COURSE- 2022-23**

The faculty members of the History department in the principal chamber to discuss and review the conduct of the certificate course titled "**UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS**" under the chairman ship of the principal and the faculty of the department of History on 28.10.2022.

**AGENDA :**

Starting of certificate course for 2nd B.A., students.

*RESOLUTIONS:*

- (1) It is resolved to start the certificate course titled "**Department of History**" from 16.11.2022 to 26.11.2022 (10 days ) for the academic year 2022-2023.
- (2) It is also resolved to frame the syllabus , regulations for the successful completion of the certificate course .titled "**United Nations sustainable development Goals**".
- (3) Enrolled 10 students in this Certificate course.
- (4) Resolved to conduct classes at 4.00PM.-5.00 pm
- (5) Resolved to conduct exam after completion of the course and issue certificates to qualified candidates.
- (6) Qualifying marks in 20 % .

### Names of the resource persons

- 1) Mr. Ch. Venkataiah, Faculty of History
- 2) Dr. M. Ravinder, Assistant professor of Economics
- 3) Mr. K. Ramesh, Faculty of political science
- 4) Dr. M. Gansingh, Assistant professor of Botany
- 5) Dr. U. Swamy, Assistant professor of Zoology

GOVT. DEGREE COLLEGE , ETURNAGARAM MULUGU DISTRICT

## **DEPARTMENT OF History**

**SUBJECT RELATED CERTIFICATE COURSE- 2022-23**

**ENROLLED STUDENTS LIST**

**TOPIC: "UNITED NATIONS SUSTAINABLE  
DEVELOPMENT GOALS (SDDGS)**

<b>S.No.</b>	<b>YEAR</b>	<b>HALLTICKET No.</b>	<b>NAME OF THE STUDENT</b>
1	2 <sup>nd</sup> year	389221502	ATTAM SAI KUMAR
2		389221503	BADISHA SANDEEP
3		389221504	BOPPANI JESSICA
4		389221506	JAKA DURGA PRASAD
5		389221508	KALTHI VYSHNAVI

6		389221509	KODEM KRISHNAVENI
7		389221510	KOMARAM NIKHITHA
8		389221511	MADE SNEHA
9		389221512	MEKALA RAVINDAR
10		389221513	PUNEM RAVITEJA

## Why take this course?

After completing the introductory course, learners will be able to:

- Discuss the poverty and environment nexus and related concepts.
- Identify related international developments, as well as global and regional trends.
- Explain the rationale and drivers behind integrating policy planning.
- Identify challenges and opportunities for advancing an integrated approach.
- Give examples of enabling policy conditions for integrating poverty and environment issues.



## **ABOUT THE COURSE:**

UN SDGs are a roadmap for a paradigm shift in the prevalent economic model. The course tries to establish the underlying understanding behind this UN-led initiative, the value of sustainable development, how it touches our lives, and the efforts required to achieve them. The course intends to elaborate on the evolution of scope under the dynamic concept of sustainability and UN SDGs-led cohesive societal framework to evolve a resilient community worldwide. The course elaborates on seventeen UN SDGs, mapping their systemic perspectives and the need for tomorrow. It talks about the interconnectedness of the planet, products, processes wrt SDGs. It touches on the Paris agreement on climate change, India's participation in it, and its commitment to SDGs. It also shows a glimpse of innovation-led design processes to undertake challenges in its path. The course uses case studies from India and international examples to better understand issues, approaches, and solutions. The newly developed course is framed using state-of-the-art studies, policy documents, reports, and research

### **syllabus**

- Module 1: Getting to Know the Sustainable Development Goals.
- Module 2: Sustainable Development Plans.
- Module 3: Technology, Innovation, and the Sustainable Development Goals.
- Module 4: Good Governance and the Sustainable Development Goals.
- Module 5: Business and the Sustainable Development Goals.

## Course layout

1. \*Introduction, \*United Nations and a World in Order, \*Scenario of Current Model of Growth and Development \*Need for Change
2. \*Definition of Sustainability, \*Aspects of Sustainability, \*Transition from MDGs to SDGs
3. \*The Role of UN and the Need for SDGs and Adoption by the World
4. \*Scope and Inclusion and Agenda 2030, \*Our Common Future and Philosophy behind SDGs
5. \*Distinction between Development and Sustainable Development
6. \*Circular economy, \*Design for sustainability, \*Thinking Alternatives and Innovation
7. \*Causal Mapping, \*Systemic Mapping and Problem Identification
8. \*Identifying probable interventions for SD, \*Framework and Structuring of Seventeen SDGs
9. SDG 1: No Poverty
10. SDG 2: Zero Hunger
11. SDG 3: Good Health and Well-being
12. SDG 4: Quality Education
13. SDG 5: Gender Equality
14. SDG 6: Clean Water and Sanitation
15. SDG 7: Affordable and Clean Energy
16. SDG 8: Decent Work and Economic Growth
17. SDG 9: Industry, Innovation and Infrastructure
18. SDG 10: Reduced Inequality
19. SDG 11: Sustainable Cities and Communities
20. SDG 12: Responsible Consumption and Production
21. SDG 13: Climate Action
22. SDG 14: Life Below Water
23. SDG 15: Life on Land
24. SDG 16: Peace and Justice Strong Institutions
25. SDG 17: Partnerships to achieve the Goal
26. \*Interrelationships and Connections between Seventeen SDGs \*SDG Structure and Order at Levels of People (SDG 1 - 10), Ecological (SDG 11 - 15) and Spiritual (SDG 16 - 17)
27. \*SDGs and Socio Ecological Systems: Economy SDGs 8, 9, 10, 12; Society SDGs 1, 2, 3, 4, 5, 7, 11, 16; Biosphere SDGs 6, 13, 14, 15
28. \*Financing the SDGs and Global Funds, \*Implementation Planning, \*Capacity Building and Finance
29. \*Climate Change Conferences and Summits such as Rio Earth Summit 1992, Kyoto Protocol 1995, Paris Agreement 2015, COP 26 2021, etc.
30. \*Case Studies from around the World, \*Implementation at International Level, \*Global Reports

31. \*Case studies from India, \*Implementation at National Level, \*National Reports
32. \*Nodal Agency for Implementation in India, \*Effective Strategy for Implementation in Indian Scenario, \*State Level Reports \*Assessment of Implementation and Checking its Effectiveness
33. \*Summary

**Grading of the students**

Sl. No	H. T. No	Name of the student	Grading
1	389221502	ATTAM SAI KUMAR	A
2	389221503	BADISHA SANDEEP	A
3	389221504	BOPPANI JESSICA	A
4	389221506	JAKA DURGA PRASAD	B
5	389221508	KALTHI VYSHNAVI	A
6	389221509	KODEM KRISHNAVENI	A
7	389221510	KOMARAM NIKHITHA	A
8	389221511	MADE SNEHA	B
9	389221512	MEKALA RAVINDAR	B
10	389221513	PUNEM RAVITEJA	A

Career oriented **CERTIFICATE COURSE**

**ON**

**UNITED NATIONS SUSTAINABLE  
DEVELOPMENT GOALS (SDGS) -2022-23**



QUESTION PAPER FOR ASSESSMENT

No. of Questions -15

Marks :1×2=15

Latest Sustainable development MCQ Objective Questions

*Sustainable development Question 1:*

'Balancing the need to use resources and also conserve them for the future' is \_\_\_\_\_ development. ( )

1. Resourceful
2. Supportable
3. Sustainable

*Sustainable development Question 2:*

Which of the following is **NOT** a sustainable development goal targeted to be achieved by 2030? ( )

1. Space Research
2. Zero Hunger
3. Good Health and Wellbeing
4. All of the above

*Sustainable development Question 3:*

What is Sustainable Development? ( )

1. Balancing the need to use resources and also conserve them for the future
2. Need Development for growth of economy
3. Relationship between Human and Environment
4. More than one of the above
5. None of the above

*Sustainable development Question 4:* ( )

The three pillars of sustainable development are:

1. Social, Environmental and Equality
2. Social, Environmental and Economic
3. Cultural, Environmental and Equality
4. More than one of the above
5. None of the above

*Sustainable development Question 5:*

Consider the following statements: ( )

1. They are credits for the reduction in Greenhouse Gas emissions.
2. Carbon Offsets are quantified and sold in metric tonnes.
3. Carbon offsetting is often the fastest way to achieve the deepest reductions

How many of the above given statements about 'Carbon Offsetting' are correct?

1. Only one

Which of the following Sustainable Development Goals ensures availability and sustainable management of water and sanitation for all? ( ) Question 6:

1. SDG 4
2. SDG 7
3. SDG 6
4. SDG 5

Which of the following Sustainable Development Goals (SDG) seeks to 'Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss'? ( ) Question 7:

1. SDG 12
2. SDG 7
3. SDG 17
4. SDG 15

The UN's Sustainable Development Goal 6 aims to \_\_\_\_\_. ( ) Question 8:

1. ensure healthy lives and promote well-being for all at all ages
2. ensure availability and sustainable management of water and sanitation for all
3. end poverty in all forms everywhere
4. take urgent action to combat climate change and its impact

Which of the following is **NOT** a sustainable development goal targeted to be achieved by 2030? ( ) Question 9:

1. Gender Equality

Match List - I with List - II and select the correct answer from the code given below the lists. ( ) Question 10

List - I (Sustainable Development Goal (SDG))		List-II (Related with)	
A.	SDG 10	1.	Climate change
B.	SDG 13	2.	Life on land

C.	SDG 14	3.	Reduced inequalities
D.	SDG 15	4.	Life below water

1. A - 1, B - 2, C - 3, D - 4
2. A - 2, B - 3, C - 1, D - 4
3. A - 3, B - 2, C - 4, D - 1
4. A - 3, B - 1, C - 4, D -

With reference to the United Nations' Sustainable Development Goals, which of the following is SDG 10? ( ) Question 11:

1. Reduced inequalities
2. Zero hunger
3. Climate action
4. Decent work and economic growth

Where was the sustainable development explained for first time? ( ) Question 12:

1. World Development Report
2. Brundtland Commission Report
3. First Earth Summit Report
4. Human Development Report

Which one of the following is **NOT** a 'Sustainable Development Goal' (SDG) target to be achieved by 2030? ( ) Question 13:

1. Space Research
2. Quality Education
3. Gender Equality
4. Zero Hunger

Which household waste has an excellent recycling potential? B( ) Question 14:

1. Vegetable scraps
2. Metal
3. Plastic
4. Rubber



Which of the following watershed development projects is sponsored by the Central Government aims at enabling the rural population to conserve water? ( ) Question 15:

1. Arvary Pani Sansad
2. Haryali
3. Jal Kranti Abhiyan
4. Neeru-Meeru

## Books and references

1. Hazra, Somnath., Bhukta, Anindya (2020) Sustainable Development Goals An Indian Perspective, Springer International Publishing, Switzerland
2. Ziai, Aram (2016) Development Discourse and Global History from colonialism to the sustainable development goals. Routledge, London & New York
3. OECD (2019), Sustainable Results in Development: Using the SDGs for Shared Results and Impact, OECD Publishing, Paris, <https://doi.org/10.1787/368cf8b4-en>.
4. Sachs, J., Schmidt-Traub, G., Kroll, C., Lafortune, G., Fuller, G., Woelm, F. 2020. The Sustainable Development Goals and COVID-19. Sustainable Development Report 2020. Cambridge: Cambridge University Press.
5. <https://www.un.org/sustainabledevelopment/>

Career oriented CERTIFICATE COURSE

**ON**

**UNITED NATIONS SUSTAINABLE  
DEVELOPMENT GOALS (SDGS) -2022-23**

List of students with Signatures



Career oriented **CERTIFICATE COURSE**

**ON**

**UNITED NATIONS SUSTAINABLE  
DEVELOPMENT GOALS (SDGS) -2022-23**

List of students with Signatures

S.No	H.T.NO.	Student Name	Signature
1	389221502	ATTAM SAI KUMAR	A. Saikumar
2	389221503	BADISHA SANDEEP	B sandep
3	389221504	BOPPANI JESSICA	B. Jessica
4	389221506	JAKA DURGA PRASAD	J. Dheeraga prasad
5	389221508	KALTHI VYSHNAVI	K. Vyshnavi
6	389221509	KODEM KRISHNAVENI	K. Krishnaveni
7	389221510	KOMARAM NIKHITHA	k. Nikhitha.
8	389221511	MADE SNEHA	M. Sneha
9	389221512	MEKALA RAVINDAR	m. Ravindar
10	389221513	PUNEM MAHESH	P. Mahesh

VSL

PRINCIPAL

Government Degree College  
ETURNAGARAM  
Mulugu Dist-506165


**GOVT. DEGREE COLLEGE , ETURNAGARAM**  
**MULUGU DISTRICT**  
**DEPARTMENT OF HISTORY**  
**SUBJECT RELATED CERTIFICATE COURSE -2022-23**



**STUDENTS ATTENDANCE LIST**

**UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS**

S.No	YEAR	HALLTICKET No.	NAME OF THE STUDENT	16-11-2021	17-11-2021	18-11-2021	19-11-2021	20-11-2021	22-11-2021	23-11-2021	24-11-2021	25-11-2021	26-11-2021
1		389221502	ATTAM SAI KUMAR	P	P	P	P	P	P	P	P	P	P
2		389221503	BADISHA SANDEEP	P	P	P	P	P	P	P	P	P	P
3		389221504	BOPPANI JESSICA	P	P	P	P	A	P	P	P	P	P
4		389221506	JAKA DURGA	P	P	P	P	P	A	P	P	P	P
5	BA-II	389221508	KALHI VYSHNAVI	P	P	P	A	P	P	P	P	P	P
6	Year	389221509	KODEM KRISHNA VENI	P	P	P	P	P	P	P	P	P	P
7		389221510	KOMARAM.NIKHITHA	P	P	P	A	P	P	P	P	P	P
8		389221511	MADE SNEHA	P	P	P	P	P	P	P	P	P	P
9		389221512	MEKALA RAVINDER	P	P	P	P	P	P	P	A	P	P
10		389221513	PUNEM.MAHESH	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

  
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 Mulugu Dist. 508102





CH.Venkataiah, Co ordinator of Certificate course Delivering his lecture on ' Poverty'



Dr. M. Ravinder, Assistant professor of Economics Giving his lecture on “Decent Work and Economic Growth”



Mr. K. Ramesh, Lecturer in Political Science talk on "Peace and Justice strong Institutions"



## GOVERNMENT DEGREE COLLEGE, ETURUNAGARAM-MULUG

Dist.

ACCREDITATION "B++" BY NAAC BANGALORE

Affiliated to Kakatiya University, Warangal, Telangana (Email: gdceturnagaram@gmail.com, Website: <https://gdcts.ogggov.in>)

### CERTIFICATE COURSE IN UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS CERTIFICATE

This is to certify that Mr/Kum \_\_\_\_\_ of \_\_\_\_\_ has successfully completed 10 Day Certificate course on "United Nations Sustainable Development Goals" organized by Department Of History, Government Degree College Eturunagaram from 16-11-2022 to 26-11-2022.

Ch. Venkatesh

Course Co-Ordinator

Dr. M. Ravindar

DAC Co-Ordinator

Dr. M. Ghansingh

Academic Co-Ordinator

Dr. B. Ramulu

Principal





GOVERNMENT DEGREE COLLEGE, ETURUNAGARAM-MULUG  
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**CERTIFICATE COURSE IN UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS**  
**CERTIFICATE**

This is to certify that Mr/Kum P. Raviteja of BA II year has successfully completed 10 Day Certificate course on "United Nations Sustainable Development Goals" organized by Department Of History, Government Degree College Eturnagaram from 16-11-2022 to 26-11-2022.

Ch, Venkataiah

Course Co-Ordinator

Dr. M. Ravindar

IQAC Co-Ordinator

Dr. M. Ghansingh

Academic Co-Ordinator

Dr. B. Ramulu

Principal



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**CERTIFICATE COURSE IN UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS**  
**CERTIFICATE**

This is to certify that Mr/Kum K. Nikhitha of BA II year has successfully completed 10 Day Certificate course on "United Nations Sustainable Development Goals" organized by Department Of History, Government Degree College Eturunagaram from 16-11-2022 to 26-11-2022.

Ch. Venkataiah

Course Co-Ordinator

Dr. M. Ravindar

IQAC Co-Ordinator

Dr. M. Ghansingh

Academic Co-Ordinator

Dr. B. Ramulu

Principal



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**CERTIFICATE COURSE IN UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS**

**CERTIFICATE**

This is to certify that Mr/Kum K. Krishnaveni of BA-1<sup>st</sup> year has successfully completed 10 Day Certificate course on "United Nations Sustainable Development Goals" organized by Department Of History, Government Degree College Eturnagaram from 16-11-2022 to 26-11-2022.

Ch. Venkataiah

Course Co-Ordinator

Dr. M. Ravindar

IQAC, Co-Ordinator

Dr. M. Ghansingh

Academic Co-Ordinator

Dr. B. Ramulu

Principal

**CERTIFICATE COURSE**

**ON**

**HUMAN RIGHTS**



**GOVT.DEGREE COLLEGE ETURNAGARAM**

**MULUGU DISTRICT**

**DEPARTMENT OF POLITICAL  
SCIENCE**

**2022-2023**



From

K.RAMESH,

Faculty in Political science,

Govt. Degree College,

Eturnagaram.

To

The Principal,

Govt. Degree College,

Eturnagaram.

**Sub:** Regarding to start certificate course on HUMAN RIGHTS of Political science

Respected sir/madam,

I am K.RAMESH working as Guest faculty in Political science this college . This is regarding with conduct subject related certificate course introducing for students benefits of our department on " **HUMAN RIGHTS**". The course duration should be 10 days . We are going to start in the academic year 2022-2023. So this is my humble request you to permit us for the conducting of above course.

Thanking you sir,

**Your's Sincerely**

**GOVT.DEGREE COLLEGE,ETURNAGARAM**

**DEPARTMENT OF POLITICAL SCIENCE**

**SUBJECT RELATED CERTIFICATE COURSE- 2022-23**

The faculty members of the Political science department in the principal chamber to discuss and review the conduct of the certificate course titled "**HUMAN RIGHTS**" under the chairman ship of the principal and the faculty of the department of Political science.

**AGENDA :**

Starting of certificate course for 2nd B.A., students.

**RESOLUTIONS:**

(1) It is resolved to start the certificate course titled "**Department of Political science**" from 10.04.2023 to 21.04.2023 (10 days ) for the academic year 2022-2023.

(2) It is also resolved to frame the syllabus , regulations for the successful completion of the certificate course . titled "**HUMAN RIGHTS**".

(3) Enrolled 8 students in this Certificate course.

(4) Resolved to conduct classes at 4.30 PM.

(5) Resolved to conduct exam after completion of the course and issue certificates to qualified candidates.

(6) Qualifying marks in 40 % .

**MEMBERS PRESENT :**

1

Signature

2

(K. RAMESH.)

3

## **CIRCULAR**

This is to inform that the department of Political science is going to be conducted a subject related certificate course from 10.04.2023 to 21.04.2023 for 2<sup>nd</sup> year students of 2<sup>nd</sup> B.A.,(H.E.P,)on "**HUMAN RIGHTS**" The students who are interested can enroll their names to concerned department on or before 09.04.2023. the duration of the course is 10 days . The candidates who secure 40% of the marks in the examination will get the certificate.

Signature

(K.RAMESH.)

**Lecturer in political science**

  
**PRINCIPAL**  
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Government Degree College  
ETURNAGARAM  
Mulugu Dist-506165

**GOVT. DEGREE COLLEGE , ETURNAGARAM**  
**MULUGU DISTRICT**  
**DEPARTMENT OF POLITICAL SCIENCE**  
**SUBJECT RELATED CERTIFICATE COURSE - 2022 - 23**  
**STUDENTS ATTENDANCE LIST**  
**"HUMAN RIGHTS"**

S.No	YEAR	HALLTICKET No.	NAME OF THE STUDENT	10-04-2023	11-04-2023	12-04-2023	13-04-2023	15-04-2023	17-04-2023	18-04-2023	19-04-2023	20-04-2023	21-04-2023
1	2 <sup>nd</sup> Year	389221301	B.NAVEEN	P	P	P	P	P	P	P	A	P	P
2	2 <sup>nd</sup> Year	389221509	K.KRISHNAVENI	P	P	P	P	P	P	A	P	P	P
3	2 <sup>nd</sup> Year	389221510	K.NIKITHA	P	A	P	P	P	A	P	P	P	P
4	2 <sup>nd</sup> Year	389221329	S.NAVYA	P	P	P	P	A	P	P	P	P	P
5	2 <sup>nd</sup> Year	389221316	M.VAMSHI	A	P	P	A	P	P	P	A	P	P
6	2 <sup>nd</sup> Year	389221313	M.VENKATESH	P	P	P	P	A	P	P	A	P	P
7	2 <sup>nd</sup> Year	389221314	MD.NASRIN	P	P	P	P	P	P	P	P	A	P
8	2 <sup>nd</sup> Year	389221508	K.VYSHNAVI	P	P	A	P	A	P	P	A	P	P

  
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GOVT. DEGREE COLLEGE , ETURNAGARAM

MULUGU DISTRICT

**DEPARTMENT OF POLITICAL SCIENCE**

SUBJECT RELATED CERTIFICATE COURSE- 2022-23

ENROLLED STUDENTS LIST

**TOPIC: "HUMAN RIGHTS"**

S.No.	Year	Hall ticket No.	Name of the student	Signature of the student
1	2 <sup>nd</sup> year	389-22-1301	B.NAVEEN	B Naveen
2	2 <sup>nd</sup> year	389-22-1509	K.KRISHNAVENI	K. Krishnaveni
3	2 <sup>nd</sup> year	389-22-1510	K.NIKITHA	K Nikitha
4	2 <sup>nd</sup> year	389-22-1329	S.NAVYA	S. Navya
5	2 <sup>nd</sup> year	389-22-1316	M.VAMSHI	M. Vamshi
6	2 <sup>nd</sup> year	389-22-1313	M.VENKATESH	M. Venkatesh
7	2 <sup>nd</sup> year	389-22-1314	MD.NASRIN	MD Nasrin
8	2 <sup>nd</sup> year	389-22-1508	K.VYSHNAVI	K. VYSHNAVI

*[Handwritten Signature]*

PRINCIPAL

Government Degree College,  
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Mulugu Dist-502163

**GOVT. DEGREE COLLEGE , ETURNAGARAM**

**MULUGU DIST**

**DEPARTMENT OF POLITICAL SCIENCE**

**SUBJECT RELATED CERTIFICATE**

**COURSE "HUMAN RIGHTS"**

**(ACADEMIC YEAR 2022-23)**

Objective of the course :

The course will deal , especially limited section of specific topics included in the 2<sup>nd</sup> B.A.,H.E.P, curricula. Topics to be discussed are those which involve basic concepts of Human rights ,and which therefore have wide applicability . These are also the topics, that are conceptual the deepest, and must therefore be understood as clearly as possible . This will be the overall objective of the courses.

Course duration : 10 days

Level : UG

Course type : Scheduled

Certification : Certification will be given on the continuous comprehensive evaluation of students performance in the learning activities.

  
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## SYLLABUS OF THE COURSE

### UNIT 1 (3 DAYS) :

- Introduction to human rights :
- Evolution of human rights
  - Concepts of rights and duties
  - Correlation between rights and duties

### UNIT 2 (3 DAYS)

- International aspects of human rights :
- International bodies governing human rights
  - Role of united nations
  - Universal declaration of human rights 1948

### UNIT 3 (3DAYS)

- Human rights an Indian approach. :
- Constitutional approach Including basic features of the constitution fundamental rights and duties And Their co-relation with international rights and duties
  - Recognition of human rights and formulation of state bodies to protect these rights.



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**GOVT. DEGREE COLLEGE , ETURNAGARAM**

**MULUGU DIST**

**DEPARTMENT OF POLITICAL SCIENCE**

**SUBJECT RELATED CERTIFICATE COURSE**

**HUMAN RIGHTS**

**(ACADEMIC YEAR 2022-23)**

**REPORT:**

As a part of academic activity , the department of Political science has conducted certificate course in 'human rights' from 10.04.2023 to 21.04.2023 for the academic year 2022-2023 . The important objective of the course is to improve basic knowledge in human rights among the UG degree students . As per the instructions given by the principal during the minutes of the meeting 8 members of students are enrolled in to the certificate course for 2<sup>nd</sup> B.A.,H.E.P, to enrich the fundamentals of human rights , the political science faculty member have engaged classes for 10 days and dealt the basic concepts of the subject . Atthe end of the course, an external examination with multiple choice questions has conducted for the assessment of learners understanding levels of knowledge .The minimum qualifying of marks for the award of certification is 40% . All the students completed the course successfully and got certificates during the academic year 2022-2023.

  
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**GOVT. DEGREE COLLEGE , ETURNAGARAM  
MULUGU DIST  
DEPARTMENT OF POLITICAL SCIENCE  
SUBJECT RELATED CERTIFICATE COURSE, (2022-23)  
SUBJECT : HUMAN RIGHTS**

**QUESTION PAPER**

**MARKS :50**

**25×2=50**

1. Which of the following is the first charter of Human's rights..... ( )  
A) Bill of rights      B) Constitution of media  
C) The Cyrus cylinder    D) None of the above
2. Who played an important role in international human rights law ..... ( )  
A) Economic Summit      B) World War  
C) the United Nations    D) None of the above
3. Who adopted the landmark document the universal declaration of human rights..... ( )  
A) UNESCO      B) UNICEF  
C) UNO.      D) None of the above
4. When was the universal declaration of human rights adopted by UNO ..... ( )  
A) 10<sup>th</sup> December 1946.      B) 10<sup>th</sup> December 1947  
C) 10<sup>th</sup> December 1948 .      D) 10<sup>th</sup> December 1949
5. Who was the first chairman of the commission on human rights..... ( )  
A) Thomas Jefferson      B) Thomas paine  
C) Eleanor Roosevelt    D) None of the above
6. The Universal declaration of human rights was adopted under whose chairmanship..... ( )  
A) Adolf Hitler.      B) Jawaharlal Nehru  
C) Eleanor Roosevelt.    D) None of the above.....
7. On which anniversary of the Universal Declaration of human rights the slogan "All human rights for All" was adopted ..... ( )  
A) 12<sup>th</sup>.      B) 30<sup>th</sup>.  
C) 50<sup>th</sup>.      D) None of the above
8. How many articles are there in the Universal Declaration of human rights ..... ( )  
A) 15      B) 20  
C) 30      D) 35
9. In which of the following year the declaration of the rights of the child passed by the UN .... ( )  
A) 1949.      B) 1959.  
C) 1969 .      D) None of the above
10. Which of the following country has adopted the "Declaration of the rights of man and of the citizen" ..... ( )  
A) Italy      B) India  
C) France      D) All of the above

11. The human rights day is observed on- ..... ( . )  
 A) 10<sup>th</sup> December . B) 9<sup>th</sup> December.  
 C) 1<sup>st</sup> December D) All of the above
12. When did the NHRC (National Human Rights Commission) of India constitute..... ( . )  
 A) 1993. B) 1992.  
 C) 1990. D) 1991
13. In which article 'right to education' is guaranteed in India ..... ( )  
 A) 19. B) 21.  
 C) 21 A. D) 14
14. Who is the current chairman of the NHRC (National Human rights commission..... ( )  
 A) Justice H.L. Dattu B) Justice A.S. Anand  
 C) Both of the above D) Arun kumar mishra
15. which of the following year is observed as the international year of the child ..... ( )  
 A) 1949. B) 1959  
 C) 1979 D) None of the above
16. Which of the following article of the Indian constitution prohibits hazardous jobs to children.... ( )  
 A) Article 24 B) Article 21  
 C) Article 22 D) Article 25
17. Who is the author of the book "Human rights and inhuman wrongs"?..... ( )  
 A) R. Krishna Iyer B) Upendra Baxi  
 C) Chiranjeevi Nirmala D) None of the above
18. What is the full form of ECOSOC?..... ( . )  
 A) Eco society of Canada B) Eco social council.  
 C) Economic and social council D) None of the above
19. NHRC Consists of a chairman and ..... ( . )  
 A) Four members. B) three members  
 C) Two members D) five members
20. Where is the headquarter of the NHRC (National Human Rights Commission..... ( )  
 A) Mumbai B) Kolkata .  
 C) Delhi D) Ahmedabad
21. Article 340 of the Indian constitution deals with ..... ( )  
 A) Election commission. B) Union public service commission  
 C) Backward classes commission D) Finance commission
22. Article 21 of the Indian Constitution provides for..... ( )  
 A) Rights to subsist. B) Rights to lively and liberal life  
 C) Rights to die. D) Rights to lively and liberal life
23. Where is an International criminal court located ..... ( )  
 A) Geneva B) Brussels.  
 C) paris D) The Hugue

24. In which year have the changes been made in the NHRC (National Human Rights Commission) Act

- . A) 1999. B) 2000 ( )  
. C) 2005. D) 2006

25. The tenure of the chairperson of NHRC (National Human Rights Commission) is ..... ( )

- A) 4 years or up to 68 years of age B) 3 years or up to 70 years of age  
C) 5 years or up to 70 years of age D) None of the above

### PHOTOGRAPHIC EVIDENCES



**K.RAMESH LECTURER IN POLITICAL SCIENCE ADDRESSING THE STUDENTS**

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Mulugu Dist-506165



GOVERNMENT DEGREE COLLEGE, ETURUNAGARAM-MULUGU Dist.  
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CERTIFICATE COURSE IN HUMAN RIGHTS  
CERTIFICATE

This is to certify that Mr/Kum B. Naveen of B.A. III<sup>rd</sup> Yr has  
successfully completed 10 Days Certificate course on "Human Rights" organized by Department Of  
Political Science, Government Degree College Eturunagaram from 10-04-2023 to 21-04-2023.

Course Co-Ordinator

IQAC, Co-Ordinator

Academic Co-Ordinator

Principal





GOVERNMENT DEGREE COLLEGE, ETURUNAGARAM-MULUGU Dist.  
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**CERTIFICATE COURSE IN HUMAN RIGHTS**  
**CERTIFICATE**

This is to certify that ~~Mr~~/Kum K. Krishnaveni of B.A III<sup>rd</sup> Yr has successfully completed 10 Days Certificate course on "Human Rights " organized by Department Of Political Science, Government Degree College Eturnagaram from 10-04-2023 to 21-04-2023.

Course Co-Ordinator

IQAC, Co-Ordinator

Academic Co-Ordinator

Principal



**GOVERNMENT DEGREE COLLEGE ETURNAGARAM**

**DEPARTMENT OF MATHEMATICS**

**2022-2023**

**20 DAY CERTIFICATE COURSE IN LaTeX**

**13.10.2022 TO 05.11.2022**

## Preliminary information of the programme

<b>Title of the course</b>	<b>CERTIFICATE COURSE IN LaTeX</b>
<b>Duration</b>	<b>20 Days</b>
<b>Chairman of the Program</b>	<b>Dr. B. Ramulu</b>
<b>Resource persons</b>	<b>P.JYOTHI</b>
<b>Involved other Departments</b>	<b>Department of Mathematics</b>
<b>No. of students trained</b>	<b>20</b>
<b>Total hours for course</b>	<b>20</b>

From

To

P.JYOTHI

The Principal.

Faculty in Mathematics

Govt Degree College

Government Degree College

Eturnagaram

Eturnagaram.

**Sub:** Regarding to start certificate course on LaTeX of Mathematics .

Respected sir/madam,

I am P.JYOTHI working as contract faculty in mathematics in this college. This is regarding with conduct subject related certificate course introducing for students benefits of our department on "LaTeX". The course duration should be 20 days . We are going to start in the academic year 2022-2023. So this is my humble request you to permit us for the conducting of above course.

Thanking you sir,

**Your's Sincerely**

**P.JYOTHI**

**Lecturer in mathematics**



DATE :01.10.2022.

## **CIRCULAR**

This is to inform that the department of mathematics is going to be conducted a subject related certificate course from 13.10.2022 to 05.11.2022 for III AND II year students on "LaTeX" The students who are interested can enroll their names to concerned department on or before 10.10.2022. the duration of the course is 20 days. The candidates who secure 40% of the marks in the examination will get the certificate.

  
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Malugu Dist-506165

**DEPARTMENT OF MATHEMATICS**  
**CERTIFICATE COURSE IN LaTeX**

**SYLLABUS:**

1. Introduction: Manuscript preparation using MS Word and LaTeX-sample document.
2. Environments, Lists, numbering.
3. Alignments, equation environments
4. Tables, vertical and horizontal spacing
5. Font styles: Bold italic and underlining
6. Braces, arrays
7. Matrices
8. Maths Display styles and customized commands
9. Integrals, limits, sums and products.
10. List of Greek letters and Math symbols.
11. Mathematical fonts and operators
12. Titles for documents
13. Sectioning commands
14. Footnotes and Margin notes
15. Packages
16. Using colors in Latex.
17. Inserting Images, Tables and figures in Latex document.
18. Making a Bibliography
19. Making an Index
20. Preparation of PPT slides.

**DEPARTMENT OF MATHEMATICS**  
**CERTIFICATE COURSE IN LaTeX**  
**APPLICATION FORM**

1. Name of the Student :

2. Fathers's Name :

3. Class/ Group :

4. Admission Number :

5. Date of Birth :

6.. Mobile Number :

7. Mail ID :

8. Category :

9. Address :

Date :

Signature of the Student

Course Coordinator

Convener

# GOVT. DEGREE COLLEGE, ETURNAGARAM

## MULUGU DISTRICT

### LIST OF PARTICIPATED CADIDATES IN CERTIFICATE COURSE IN LaTeX

<u>SNO</u>	<u>H.T. NO</u> <u>m.p. cc.</u>	<u>Name of the</u> <u>student</u>	<u>Sign</u>
1.	389,21,4102	B. srinani III year	B. srinani
2.	- 4104	ch. srinivas III year	ch. srinivas
3.	- 4105	D. sravya "	D. sravya
4.	- 4107	G. Priyanka "	G. Priyanka
5.	- 4109	K. Prasad "	K. Prasad
6.	- 4113	P. Surya "	P. Surya
7.	- 4119	T. Varalakshmi "	Varalakshmi
8.	- 4121	Y. Venu "	Y. Venu
9.	- 4007	Pallavi Borky "	Pallavi
10.	- 4006	R. sumitha "	R. sumitha
11.	- 4120	V. Devaraja "	V. Devaraja
12.	- 4104	B. Lokesh "	B. Lokesh
13.	- 4111	O. srinani "	O. srinani
14.	389,22,4028	Y. Pavithra II year	Y. Pavithra
15.	- 4002	A. mark "	A. mark
16.	- 4023	syed Gausuddin!!	syed. Gausuddin
17.	- 4012	K. Sampath "	K. Sampath
18.	- 4001	A. Narendra "	A. Narendra
19.	- 4005	A. Satish "	A. Satish
20.	- 4008	ch. Naveenreddy "	Naveenreddy





**DEPARTMENT OF MATHEMATICS**  
**CERTIFICATE COURSE IN LaTeX**  
**ASSESSMENT EXAM**

Time: 90 Min

Max Marks : 50

I. Answer the following, each question carries 5 marks. (10 X 5 =50 )

1. Write Latex code for  $y = \frac{a^3 + 2C_x}{1 + \sqrt{bx}}$

2. Write Latex code for  $Q = \sum_{i=1}^n \int_{\mu}^{\infty} f(x_i) dx$

3. Write Latex code for  $\varphi = \int_{-\infty}^{\infty} f_{xy} \left( \frac{\partial Q_x}{\partial Q_y} \right)^2$

4. Write Latex code for the out put  $\begin{bmatrix} a_{11} & a_{12} & \cdots & a_{1n} \\ a_{21} & a_{22} & \cdots & a_{2n} \\ \vdots & \vdots & \vdots & \vdots \\ a_{n1} & a_{n2} & \cdots & a_{nn} \end{bmatrix} = \begin{bmatrix} b_{11} & b_{12} & \cdots & b_{1n} \\ b_{21} & b_{22} & \cdots & b_{2n} \\ \vdots & \vdots & \vdots & \vdots \\ b_{n1} & b_{n2} & \cdots & b_{nn} \end{bmatrix}$

5. Write Latex code for the out put

x	1	2	3	4	5
y=x <sup>2</sup>	1	4	9	16	25

6. Write Latex code for  $\frac{d^2y}{dx^2} + 2\frac{dy}{dx} + 3y = \sin x + e^x + x^2 + \log x$

7. Write Latex code for the out put

1. Introduction
  - 1.1 Collection of data
  - 1.2 Clasification of Data
    - 1.2.1 Tabular
    - 1.2.2 Graphical representation

8. Write Latex code to insert Kakatiya Degree college jpg logo in Latex document with width 3cm ,height 5cm.

9. Write a LaTeX code for the output

1. First Level Item

2. First Level Item

I. Second Level Item

II. Second Level Item

A. Third Level Item

B. Third Level Item

a. Fourth Level Item

b. Fourth Level Item

10. Write LaTeX code for PPT with one slide as output courses offered in GDC ETURNAGARAM

Physical Sciences

MPC

MPCS

Life Sciences

BZC

BZCS

Humanities Commerce

BA

B.Com



**GOVERNMENT DEGREE COLLEGE, ETURUNAGARAM-MULUGU Dist.**  
**ACCREDITATION "B++" BY NAAC BANGALORE**

Affiliated to Kakatiya University , Warangal ,Telangana  
(Email:gdceturnagaram@gmail.com, Website:https://gdcts.cgg.gov.in)

**CERTIFICATE COURSE IN LaTeX**  
**CERTIFICATE**

This is to certify that Mr/Kum \_\_\_\_\_ of \_\_\_\_\_ has  
successfully completed 20 Day Certificate course on " LaTeX " organized by Department Of  
Mathematics, Government Degree College Eturnagaram from 13-10-2022 to 05-11-2022.

Course Co-Ordinator

IQAC, Co-Ordinator

Academic Co-Ordinator

Principal



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CERTIFICATE COURSE IN LaTeX  
CERTIFICATE

This is to certify that Mr/Kum ch. Srinivas of B.Sc (M.P.C) III year has  
successfully completed 20 Day Certificate course on " LaTeX " organized by Department Of  
Mathematics, Government Degree College Eturunagaram from 13-10-2022 to 05-11-2022.

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CERTIFICATE COURSE IN LaTeX  
CERTIFICATE

This is to certify that Mr/Kum Y. PAVITHRA of M.P.C.S II year has successfully completed 20 Day Certificate course on " LaTeX " organized by Department Of Mathematics, Government Degree College Eturunagaram from 13-10-2022 to 05-11-2022.

Course Co-Ordinator

IQAC, Co-Ordinator

Academic Co-Ordinator

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**MULUGU DISTRICT**

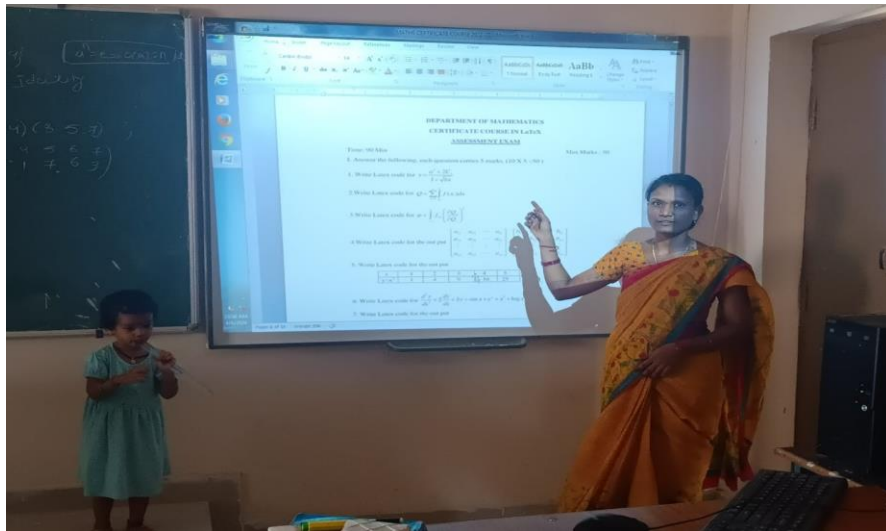
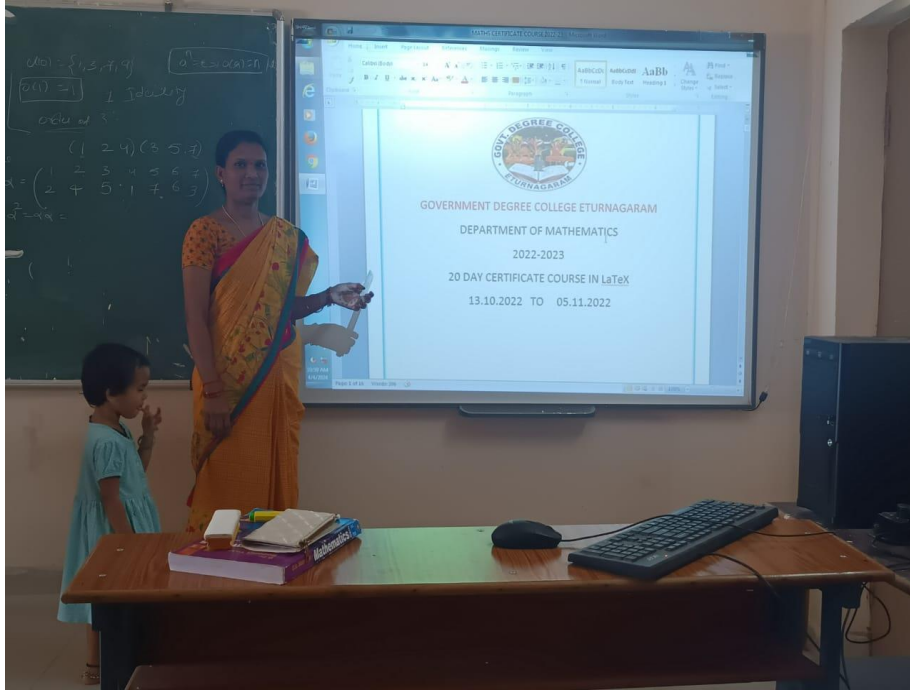
**DEPARTMENT OF MATHEMATICS**

**REPORT:**

As a part of academic activity , the department of mathematics has conducted certificate course in 'Certificate Course on LaTeX' from 13.10.2022 to 05.11.2022 for the academic year 2022-2023 . The important objective of the course is to improve basic knowledge on LaTeX among the UG degree students . As per the instructions given by the principal during the minutes of the meeting 20 members of students are enrolled in to the certificate course B.sc(Mpcs) II,III year, to enrich the fundamentals of LaTeX , the mathematics faculty member have engaged classes for 20 days and dealt the basic concepts of the subject .At the end of the course, an external examination with multiple choice questions has conducted for the assessment of learners understanding levels of knowledge. The minimum qualifying of marks for the award of certification is 40% . All the students completed the course successfully and got certificates during the academic year 2022-2023.

  
**PRINCIPAL**  
PRINCIPAL  
Government Degree College,  
ETURNAGARAM  
Mulugu Dist-506165





*Blunder*

