M.A.L.D. Govt. Arts & Science college

Gadwal

(Affiliated to Palamuru University, Mahabubnagar)

Department of Computers

Certificate Course
in
Spoken tutorial in Linux

2016-2017

NOTICE :

M.A.L.D Govt. Arts & Science College

NOTICE

All the students are hereby informed that our college is going to conduct a certificate course in spoken tutorial course in Linux from 16th July to 16th August in Computers Department. Those who are interested may give their names to the undersigned.

Principal

PRINCIPAL
M.A.L.D. Govt. Arts & Science College
GADWAL - 509 125

D. Hari Babu
Computers Department

Permission Letter:

To

Date: 22/07/2016

The Principal
M.A.L.D. Govt. Arts & Science College
Gadwal.

Sub:- seeking permission to Conduct
Certificate Course onlens (linux).

Respected Sir,

With due respect, I, D.Hari Babu,
faculty of Computers department, am writing
this letter to seek your kind permission for
Conducting Certificate Course in onlens (linux).
The requested classes can he hold on evening
hours with a deviation of 45 hours within
college working hours
Kindly, Consider this as a genuine
request, I shall be highly obliged.
Thanking you,

Yours faithfully,

(D.Hari Babu)

M.A.L.D. Govt. Arts &
GADWAL - 509 1.5

Course Overview:

This course explains the fundamental ideas behind the open source operating system approach to programming. Knowledge of Linux helps to understand OS level programming. Like the successful computer languages that came before, Linux is the blend of the best elements of its rich heritage combined with the innovative concepts required by its unique environment. This course involves kernel concepts, basics commands, shell scripting, file processing ,Socket programming ,Processes, Inter process communication. This course is presented to students by power point projections, course handouts, lecture notes, assignments, objective and subjective tests

Course Objectives:

1. To teach principles of operating system including File handling utilities, Security by file permissions, Process utilities, Disk utilities, Networking Commands, Basic Linux commands, Scripts and filters.
2. To familiarize fundamentals of the Bourne again shell (bash), shell programming, pipes, input and output redirection Control structures, arithmetic in shell interrupt processing, functions, debugging shell scripts.
3. To impart fundamentals of file concepts kernel support for file, File structure related system calls (file API's).
4. To facilitate students in understanding Inter process communication.
5. To facilitate students in understanding semaphore and shared memory.
6. To facilitate students in understanding process.

Course Outcomes:

1. Ability to use various Linux commands that are used to manipulate system operations at admin level and a prerequisite to pursue job as a Network administrator.
2. Ability to write Shell Programming using Linux commands.
3. Ability to design and write application to manipulate internal kernel level Linux File System.
4. Ability to develop IPC-API's that can be used to control various processes for synchronization.

SYLLABUS :

INTRODUCTION TO LINUX AND LINUX UTILITIES: A brief history of LINUX, architecture of LINUX, features of LINUX, introduction to vi editor.

Linux commands- PATH, man, echo, printf, script, passwd, uname, who, date, stty, pwd, cd, mkdir, rmdir, ls, cp, mv, rm, cat, more, wc, lp, od, tar, gzip, file handling utilities, security by file permissions, process utilities, disk utilities, networking commands, unlink, du, df, mount, umount, find, unmask, ulimit, ps, w, finger, arp, ftp, telnet, rlogin.Text Processing utilities and backup utilities , tail, head , sort, nl, uniq, grep, egrep, fgrep, cut, paste, join, tee, pg, comm, cmp, diff, tr, awk, cpio

Introduction to Shells: Linux Session, Standard Streams, Redirection, Pipes, Tee Command, Command Execution, Command-Line Editing, Quotes, Command Substitution, Job Control, Aliases, Variables, Predefined Variables, Options, Shell/Environment Customization.

Filters: Filters and Pipes, Concatenating files, Display Beginning and End of files, Cut and Paste, Sorting, Translating Characters, Files with Duplicate Lines, Count Characters, Words or Lines, Comparing Files.

Participants and Attendance :

2

Academic year 2016-17

Certificate Course: Spoken tutorial online Course Living

S.No	Name	(Roll No) Father's Name	Signature	Day 1	Day 2
1	D.keerthi	16033024468013	keerthi	keerthi	keerthi
2	K.Anuradha	16033024468027	Anuradha	Anuradha	Anuradha
3	V. Thanuja	16033024468059	Thanuja	Thanuja	Thanuja
4	N. Umadevi	16033024468041	N. Umadevi	N. Umadevi	N. Umadevi
5	P. Akhila	16033024468042	P. Akhila	P. Akhila	P. Akhila
6	P. Revathi	16033024468047	P. Revathi	P. Revathi	P. Revathi
7	P. lavanya	16033024468045	P.lavanya	P.lavanya	P.lavanya
8	L. Veenitha	16033024468101	L. Vineetha	L. Veneetha	L. vineetha
1	B Naresh	16033024468008	B. Naresh	B. Naresh	B. Naresh
10	G.shiva Kumar	16033024468020	G.Shiv krishna	G. Shiva kumar	G. shiva ku
11	G. Indra kumar	16033024468017	G.Indra kumar	G.Indra kuma	G. Indra k

Day 5	Day 6	Day 7	Day 8	Day 9	Day 10
keethi	keethi	keethi	keethi	keethi	keethi
Anuradha	Anuradha	Anuradha	Anuradha	Anuradha	Anuradha
Thanuja	Thanuja	Thanuja	Thanuja	Thanuja	Thanuja
umadevi	N. umadevi	N. umadevi	N. umadevi	N. umadevi	N. umadevi
Akhila	P. Akhila	P. Akhila	P. Akhila	P. Akhila	P. Akhila
Revathi	P. Revathi	P. Revathi	P. Revathi	P. Revathi	P. Revathi
huf.	P. huf.	P. huf.	P. huf.	P. huf.	Pkanamji
vineetha	L. vineetha	L. vineetha	L. vineetha	L. vineetha	L. vineetha
Naresh	B. Naresh	B. Naresh	B. Naresh	B. Naresh	B. Naresh
shiva kuma	G. Shiva kumar	G. Shiva kuma	G. shivakur	G. shiva kume	G. shiva kuma
dra kumar	G. Indra kumar	G. Indra kumar	G. Indra kumar	G. Indra kumar	G. Indra kumar

M.A.L.D. GOVERNMENT DEGREE COLLEGE - GADWAL

Accredited with "B" Grade by NAAC
Affiliated to Palamuru University

Jogulamba Gadwal District, Telangana State.

Course Certificate

This is certify that Mr. / Mrs. G. Indra Kumar

Roll No. 16033024 468017 _____ Studying B.sc (Computer Science) has completed

the Certificate Course in Spoken Tutorial on Linux

conducted by the Department of Computers _____ M.A.L.D. Government Degree College, Gadwal

from 26/07/2016/ _____ to 26/08/2016.

D. Hari Babu
Course Co-ordinator

Convenor

Principal
PRINCIPAL
MALD Govt Arts & Science
GADWAL 509 1

M.A.L.D. Govt. Arts & Science college

Gadwal

(Affiliated to Palamuru University, Mahabubnagar)

Department of Computers

Certificate Course in

Spoken tutorial in C & C++

2019-2020

To   Date 16/07/19

The Principal
M A LD. Govt Arts & Science College
Gadwal

a.b. — Seeking permission to conduct
Spoken tutorial online Course CSCourse.

Respected Sir,

With due respct. I, D Hari Babu
faculty of Computers department, am writing
this letter to seek your kind permission
for conducting Certificate Course in CS
The requested classes can be held
evening hours with a duration of 45
within College working hours.
Kindly consider this as
gencione request, I shall be highly
Thanking You,

yours faithfully

(D. Hari Babu)

PRINCIPAL
Govt. Arts & Science College
GADWAL - 509 125

COURSE CURRICULUM:

Aim and Objective: To all Degree students to learn program basics in computers and to allow them to meet multi challenges in application development with respect to Software Industry especially in the job oriented filed.

SYLLABUS:

CERTIFICATE COURSE IN C AND C++ PROGRAMMING

Duration : 45 Hrs (Theory, Practical, and Assessment)
Minimum Eligibility: Interest in Computers

Objectives:
On successful completion of the course the students will be able to do the following:
- To provide an in-depth training programming skills.
- To understand and develop programs independently.
- To understand the methods of debugging and correcting programs.
- To provide a proper foundation for learning other programming languages.

Contents:

Introduction To Programming:
Problem Solving Using Computers: Language Classification, Problem Analysis, Algorithm and Flowchart design.

Introduction To C Programming:
History, Structure of a C program, C Conventions, Character Set, Identifiers, Keywords, Simple Data types, Modifiers, Variables, Constants, Operators (Arithmetic operator, relational operator, logical operator, ternary operator, unary operator, shorthand operator, bit-wise operator and arithmetic operator) Operator precedence. Input and Output operation: Single character input and output, formatted input and output, Buffered input.

Control Structures:
Introduction, Conditional statement, if statement, if-else statement, nested if statement, else-if statement and switch statement. Goto statement. Looping statement, while statement, do-while statement, for statement, break and continue, nested for statement.

Arrays:
Introduction (One and two dimensional), Declaration of arrays, Initialization of arrays, processing with arrays. String manipulation, declaration of string arrays, string operations.

Functions:
Introduction, advantages of subprograms, Function definition, function call, Actual and formal arguments, local and global variables, function prototypes, types of functions, recursive functions, arrays and functions.

Storage Classes, Structures and Unions:
Introduction, types of storage classes, Introduction to structures, Advantages of structures, accessing elements of a structure, nested structures, array of structures, functions and structures, Unions, bit-fields, enumerated data types.

Pointers:
Introduction, pointer variable, pointer operator, pointer arithmetic, pointers and arrays, pointers and strings, array pointers, dynamic allocation.

Files:
Introduction, File data type, opening and closing a file, file functions (getc, putc, getw, putw, fscanf, fprintf, fread, fwrite, fgets, fputs, feof).
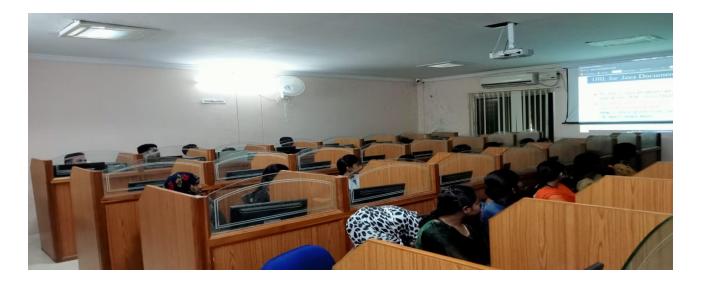
D. Hari Babu
Computers Department

PARTICIPANTS AND ATTENDANCE:

Academic year: 2019-20
Certificate Course Spoken tutorial online course C & cpp.

Date 16/07/19.

S.no	Roll no	Name	Signature	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
1	19033024468017	k. krishnaveni	K.	K.	K.	K.	K.	K.	K.	K.
2	19033024468049	V. Nandini	V. Nandini	V. Nandini	V. Nandini	V. Nandini	V. Nandini	V. Nandini	V. Nandini	V. Nandini
3	19033024468523	Rashida	Rashida	Rashida	Rashida	Rashida	Rashida	Rashida	Rashida	Rashida
4	19033024461004	C. Manasa								
5	19033024468043	G. Shivani								
6	19033024468018	D. Prathyusha	D. Prathyusha	P. Prathy. h	D. Prathyusha	D. Prathyusha	D. Prathyusha	D. Prathyusha	D. Prathyusha	D. Prathyusha
7	19033024468011	C. Vaishnavi	C. Vaishnavi	C. Vaishnavi	C. Vaishnavi	C. Vaishnavi	C. Vaishnavi	C. Vaishnavi	C. Vaishnavi	C. Vaishnavi
8	19033024467007	J. prasanna kumari								
9	19033024467010	R. Akhila	R. Akhila	R. Akhila	R. Akhila	R. Akhila	R. Akhila	R. Akhila	R. Akhila	R. Akhila
10	19033024467012	U. Lalitha	U. Lalitha	U. Lalitha	U. Lalitha	U. Lalitha	U. Lalitha	U. Lalitha	U. Lalitha	U. Lalitha
11	19033024468552	Poema	Poema	Poema	Poema	Poema	Poema	Poema	Poema	Poema
12	19033024468009	C. Sudheer	C. Sudheer	C. Sudheer	C. Sudheer	C. Sudheer	C. Sudheer	C. Sudheer	C. Sudheer	C. Sudheer
13	19033024468018	S. Pavan	Pavan	Pavan	Pavan	Pavan	Pavan	Pavan	Pavan	Pavan
14	19033024468014	G. Naveen kumar								
15	19033024468017	V. Laxmanna	V. Day	V. Day	V. Day	V. Day	V. Day	V. Day	V. Day	V. Day
16	19033024467008	K. Rajashekar	Raj	Raj	Raj	Raj	Raj	Raj	Raj	Raj
17	19033024468023	K. Vinod kumar	vind	vind	vind	vind	vind	vind	vind	vind
18	19033024461018	Saba								
19	19033024468018	k. Lakshmi	k. Lakshmi	k. Lakshmi	k. Lakshmi	k. Lakshmi	k. Lakshmi	k. Lakshmi	k. Lakshmi	
20	19033024463019	K. Laxmi	K. Laxmi	K. Laxmi	K. Laxmi	K. Laxmi	K. Laxmi	K. Laxmi	K. Laxmi	K. Laxmi

Deg 8	Deg 9	Deg 10
h. ko	K. ko	K. Jas
V. Nandini	V. Nandini	V. Nandini
Rashida	Rashida	Rashida.
mss	mss	mss
Sus	Suy	Suy
Prathyusha	D Prathyusha	D Prathyusha
Vaishnavi	C. Vaishnavi	C. Vaishnavi
Puy.	Puy	Puy.
R. Akhila	R. Akhila	R. Akhila.
Lavitha	U. Lavitha	U. Jav
ంది	ంది	ంది
vvu	C. Sudheer	C. Sudheer
vvy	Raeay	Raeay
k	V. Puy	V. Puy
	Raj	Raj

PRINCIPAL
M.A.L.D. Govt. Arts & Science College
GADWAL - 509 125

CERTIFICATES ISSUED:

M.A.L.D. GOVERNMENT DEGREE COLLEGE - GADWAL

Accredited with "B" Grade by NAAC

Affiliated to Palamuru University

Jogulamba Gadwal District, Telangana State.

Course Certificate

This is certify that Mr. / Mrs. _____ S. Shivani _____

Roll No. _____ 1903302446804 3 _____ Studying _B.sc (Computer Science)_ has completed

the Certificate Course in _Spoken Tutorial Online Courses C & CPP_

conducted by the Department of _Computer Science_ M.A.L.D. Government Degree College, Gadwal

from _28th July_ to _25th August._

D. Hari Babu
Course Co-ordinator

Convenor

C. J. Sqnee
Principal
PRINCIPAL
M.A.L.D. Govt. Arts & Scie
GADWAL - 509

M.A.L.D. Govt. Arts & Science college

Gadwal

(Affiliated to Palamuru University, Mahabubnagar)

Department of Computers

Certificate Course
in
Spoken tutorial in Linux

2016-2017

NOTICE :

M A L D Govt Arts & Science College

NOTICE

All the students are hereby informed that our college is going to conduct a certificate course in spoken tutorial course in Linux from 16th July to 16th August in Computers Department. Those who are interested may give their names to the undersigned.

D. Hari Babu
Computers Department

Principal

PRINCIPAL
M.A.L.D. Govt. Arts & Science College
GADWAL - 509 125

Permission Letter:

To

Date: 22/07/2016

The principal
M.A.L.D. Govt. Arts & Science College
Gadwal.

Sub:- seeking permission to conduct
Certificate Course ondere(Linux).

Respected Sir,

With due respect, I, D.Hari Babu,
faculty of computers department, am writing
this letter to seek your kind permission for
Conducting Certificate Course in online(Linux).
The requested classes can be hold on evening
hours with a decration of 45 hours within
college working hours
Kindly, Consider this as a genuine
request, I shall be highly obliged.
Thanking you,

yours faithfully,

(D.Hari Babu)

M.A.L.D, Govt ...
GADWAL - 509 1..

Course Overview:

This course explains the fundamental ideas behind the open source operating system approach to programming. Knowledge of Linux helps to understand OS level programming. Like the successful computer languages that came before, Linux is the blend of the best elements of its rich heritage combined with the innovative concepts required by its unique environment. This course involves kernel concepts, basics commands, shell scripting, file processing ,Socket programming ,Processes, Inter process communication. This course is presented to students by power point projections, course handouts, lecture notes, assignments, objective and subjective tests

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Course Outcomes:

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2. Ability to write Shell Programming using Linux commands.
3. Ability to design and write application to manipulate internal kernel level Linux File System.
4. Ability to develop IPC-API's that can be used to control various processes for synchronization.

SYLLABUS :

INTRODUCTION TO LINUX AND LINUX UTILITIES: A brief history of LINUX, architecture of LINUX, features of LINUX, introduction to vi editor.

Linux commands- PATH, man, echo, printf, script, passwd, uname, who, date, stty, pwd, cd, mkdir, rmdir, ls, cp, mv, rm, cat, more, wc, lp, od, tar, gzip, file handling utilities, security by file permissions, process utilities, disk utilities, networking commands, unlink, du, df, mount, umount, find, unmask, ulimit, ps, w, finger, arp, ftp, telnet, rlogin.Text Processing utilities and backup utilities , tail, head , sort, nl, uniq, grep, egrep, fgrep, cut, paste, join, tee, pg, comm, cmp, diff, tr, awk, cpio

Introduction to Shells: Linux Session, Standard Streams, Redirection, Pipes, Tee Command, Command Execution, Command-Line Editing, Quotes, Command Substitution, Job Control, Aliases, Variables, Predefined Variables, Options, Shell/Environment Customization.

Filters: Filters and Pipes, Concatenating files, Display Beginning and End of files, Cut and Paste, Sorting, Translating Characters, Files with Duplicate Lines, Count Characters, Words or Lines, Comparing Files.

Participants and Attendance :

2

Academic year 2016-17

Certificate Course: Spoken tutorial online Course Link

S.No	Name	Father's Name (Roll No)	Signature	Day 1	Day 2
1	D.Keerthi	16033024468013	keerthi	keerthi	keerthi
2	K.Anuradha	16033024468027	Anuradha	Anuradha	Anuradha
3	V. Thanuja	16033024468059	Thanuja	Thanuja	Thanuja
4	N. Umadevi	16033024468041	N. Umadevi	N. Umadevi	N. Umadevi
5	P. Akhila	16033024468042	P. Akhila	P. Akhila	P. Akhila
6	P. Revathi	16033024468047	P. Revathi	P. Revathi	P. Revathi
7	P. lavanya	16033024468045	P.lavanya	P.lavanya	P.lavanya
8	L. Veenitha	16033024468101	L. Vineetha	L. Veneetha	L. vineetha
1	B Naresh	16033024468008	B. Naresh	B. Naresh	B. Naresh
10	G. Shiva Kumar	16033024468020	G. Shiva krishna	G. Shiva kumar	G. Shiva k...
11	G. Indra kumar	16033024468017	G. Indra kumar	G. Indra kuma	G. Indra k...

Day 5	Day 6	Day 7	Day 8	Day 9	Day 10
keerthi	keerthi	keerthi	keerthi	keerthi	keerthi
Anuradha	Anuradha	Anuradha	Anuradha	Anuradha	Anuradha
Thanuja	Thanuja	Thanuja	Thanuja	Thanuja	Thanuja
Umadevi	N. Umadevi	N. Umadevi	N. Umadevi	N. Umadevi	N. Umadevi
Akhila	P. Akhila	P. Akhila	P. Akhila	P. Akhila	P. Akhila
Revathi	P. Revathi	P. Revathi	P. Revathi	P. Revathi	P. Revathi
huy	P.huy	p.huy	p.huy	P.huy	Phonay
vineetha	L. vineetha	L. vineetha	L. Vineetha	L. vineetha	L. Vineetha
Naresh	R. Naresh	B. Naresh	B. Naresh	R. Naresh	B. Naresh
Shiva kumar	G. Shiva kumar	G. Shiva kuma	G. shivakum	G. shiva kume	G. shiva kum
Indra kumar	G. Indra kumar	G. Indra kumar	G. Indra kumar	G. Indra kumar	G. Indra kumar

M.A.L.D. GOVERNMENT DEGREE COLLEGE - GADWAL

Accredited with "B" Grade by NAAC
Affiliated to Palamuru University

Jogulamba Gadwal District, Telangana State.

Course Certificate

This is certify that Mr. / Mrs. G. Indra kumar

Roll No. 16033024 468017 _____ Studying B.Sc (Computer Science) has completed

the Certificate Course in Spoken Tutorial on Linux

conducted by the Department of Computers _____ M.A.L.D. Government Degree College, Gadwal

from 26/07/2016 to 26/08/2016.

D Hari Babu
Course Co-ordinator

Convenor

Principal
PRINCIPAL
M.A.L.D. Govt Arts & Science
GADWAL 509 1