NAGARJUNA GOVT DEGREE COLLEGE

(AUTONOMUS)

NALGONDA

CERTIFICATE COURSE ON "PROGRAMMING IN C LANGUAGE" TO UNDERGRADUATE STUDENTS

(FROM 13-10-2022 TO 24-10-2022)

2022-23

DEPARTMENT OF DATA SCIENCE

NAGARJUNA GOVERNMENT DEGREE COLLEGE (A),

TO   Date: 11 OCT 2022

The Principal,

NG College,

Nalgonda.

Respected Sir,

Sub: Dept. of DATA SCIENCE- certificate course on "programming in C language" Undergraduate students"-seeking

Permission-req.reg..

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With regards to the subject cited above SP VenkataRamana, contract lecturer of this department come up with a proposal to start certificate course on certificate course on "programming in C language" I am here with forwarding the proposal consisting of syllabus and Learning outcomes targeted for this course. This course is for 10 days and 10 Teaching hours and practical hours to the students.

Hence I am requesting you to accord permission to start the said course in this academic year.

Thanking you sir.

SP. VENKATA RAMANA
M.Sc., M.Phil., (Ph.D)
Yours faithfully,
Head
Department of Computers
Dept. of data science

DEPARTMENT OF DATA SCIENCE

CERTIFICATE COURSE ON "PROGRAMMING IN C LANGUAGE" TO UNDERGRADUATE STUDENTS

Curriculum of the course

S.No.	Name of the TOPIC	Days	Teaching Hours
1	Installation and setting up c compiler	1	1Hour
2	Introduction of variables and data types	1	1 Hours
3	Operators in C	1	1 Hour
4	Decision making and control structure	1	1 Hour
5	Arrays and strings	1	1Hour
6	Functions in C	1	1Hour
7	Memory management	1	2 Hours
8	Advanced operations on arrays and pointers	1	2 Hours
9	Unions and structures	1	2 Hours
10	programs	1	3 Hours
	Total	10days	15 hours

COURSE OVERVIEW: capable in writing and debugging simple C programs using the standard language infrastructure. Conversant with data types, typecasting, conditional statements, memory management, functions, run time environment and other universal programming concepts and developer tools. Familiar with the fundamentals of c programming language such as semantics and syntax.

COURSE OBJECTIVES:

While participating in this course the learner will be able to

> Understand the concepts of structured programming language.
> Understand the way of writing different programs related to the topics
> Applying the basic programming skills to solve the real-time entity
> Teaching learning can able to understand the student in best way of thinking towards programming languages.
> Students can improve their programming skills.

LEARNING OUTCOMES :

After Successful Completion of this Certificate Course The learner will be able to

- C language shows hierarchical code organization.
- Ability to work with textual information, characters and strings
- Ability to do real worlds entity programs
- Control the sequence of the program and give logical outputs
- Manage I/O operations in program
- Repeat the sequence of instructions and points for a memory location.
- Apply code reusability.
- Understand the basics of handling mechanisms
- Student can able to understand the algorithm and write the program also can execute.

NOTICE

12th OCT 2022

    All the Students are here by informed that the Department of Data science going to start a Certificate Course on "Programming in C language" from13 OCT OCT 2022 TO 24 OCT 2022. This Course aims to understand the students in structured programming. It consists of 10 teaching Hours and practical hour's working days without overlapping with your academic schedule. Detailed schedule will be shared with the selected students.

    Interested students are instructed to enroll your name for the course at SP VenkataRamana contract lecturer in computer science by 12th OCT 2022. If the enrolled students are more than 30 those who enrolled first will be shortlisted.

SP. VENKATA RAMANA
M.Sc., M.Phil, (Ph.D)
Head Head of the Department
Department of Computer Science
Department of Computer
Government College (A): Nalgonda.

Principal

LIST OF STUDENTS ENROLLED :

S.No.	Name of the student	Class	Roll Number	Signature
1	A. Kalpana		210440284710D1	Kalpana
2	A. Ajay		210044028471002	Ajay
3	A. Gopi		210044028471003	Gopi
4	A. Srija		210044028471004	Srija
5	B. nithish		210044028471005	nithish
6	B. Anuj		210044028471006	Anuj
7	B. upender		210044028471007	upender
8	B. Yadishwar		210044028471008	Yadishwar
9	B. navya		210044028471009	navya
10	C. Sathya		210044028471010	Sathya
11	C. Soujanya		210044028471011	Soujanya
12	D. Ganesh		210044028471012	Ganesh
13	G. Laxmi Raju		210044028471013	Laxmi Raju
14	G. shivateja		210044028471014	shivateja
15	G. Mallikarjuna		210044028471015	Mallikarjuna
16	G. Lavanya		210044028471016	Lavanya
17	G. krishnaveni		210044028471017	krishnaveni
18	G. Tejaswini		210044028471018	Tejaswini
19	J. sravani		210044028471019	sravani
20	K. Padmasri		210044028471020	Padmasri
21	K. Ashok		210044028471021	Ashok
22	K. Anjaneyulu		210044028471022	Anjaneyulu
23	K. Brahmajah		210044028471023	Brahmajah
24	K. Bharath kumar		210044028471024	Bharath kumar
25	K. Shivani		210044028471025	Shivani
26	M. Anjaneyulu		210044028471026	Anjaneyulu
27	M. Abdultaj		210044028471027	Abdultaj
28	M. Srija		210044028471028	Srija
29	N. Shiva		210044028471029	Shiva
30	P. Pradeep		210044028471030	Pradeep

Attendance of the students attended for Certificate Course on "PROGRAMMING IN 'C' LANGUAGE"

210 4402847

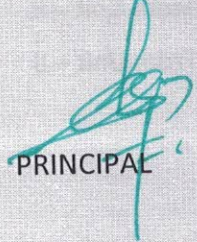| S.N o.	Roll Number	Nameofthe student	1 13/10	2 14/10	3 15/10	4 17/10	5 18/10	6 19/10	7 20/10	8 21/10	9 22/10	10 24/10	11	12	13	14	15		
1	1001	A. Kalpana	P	P	P	P	P	P	A	P	P	P							
2	1002	A. Ajay	P	P	A	P	P	P	P	P	P	P							
3	1003	A. Gopi	P	P	P	P	P	A	P	P	P	P							
4	1004	A. Srija	P	P	P	P	P	P	P	A	P	P							
5	1005	B. Nithish	P	P	A	P	P	P	P	P	P	P							
6	1006	B. Anji	P	P	P	P	P	A	P	P	P	P							
7	1007	B. upender	P	A	P	P	P	P	P	P	P	P							
8	1008	B. Yadishwar	P	P	P	A	P	P	P	P	P	P							
9	1009	B. Navya	P	P	P	P	P	P	A	P	P								
10	1010	C. Sathya	P	P	P	P	A	P	P	P	P	P							
11	1011	C. Soujanya	P	A	P	P	P	P	P	P	P	P							
12	1012	D. Ganesh	P	P	P	A	P	P	P	P	P	P							
13	1013	G. laxmi Raju	P	P	P	P	P	A	P	P	P	P							
14	1014	G. Shivateja	P	P	A	P	P	P	P	P	P	P							
15	1015	G. Mallikarjuna	P	P	P	P	A	P	P	P	P	P							
16	1016	G. Lavanya	A	P	P	P	P	P	P	P	P	P							
17	1017	G. krishnaveni	P	P	P	A	P	P	P	P	P	P							
18	1018	G. Tejaswini	P	P	P	P	P	P	A	P	P	P							
19	1019	J. sravani	P	P	P	P	P	P	P	P	A								
20	1020	K. padmasri	P	A	P	P	P	P	P	P	P								
21	1021	K. Ashok	P	P	P	A	P	P	P	P	P	P							
22	1022	K. Anjaneyulu	P	P	P	P	P	P	A	P	P	P							
23	1023	K. Brahmaiah	P	A	P	P	P	P	P	P	P	P							
24	1024	K. Bharath kumar	P	P	P	P	A	P	P	P	P	P							
25	1025	K. shivani	P	P	P	P	P	P	P	A	P	P							
26	1026	M. Anjaneyulu	P	A	P	P	P	P	P	P	P	P							
27	1027	M. Abdultaj	P	P	P	P	A	P	P	P	P	P							
28	1028	M. Srija	A	P	P	P	P	P	P	P	P	P							
29	1029	N. shiva	P	P	P	A	P	P	P	P	P	P							
30	1030	P. pradeep	P	P	P	P	P	P	P	A	P	P							

CERTIFICATE

NAGARJUNA GOVERNMENT COLLEGE (A),NALGONDA

DEPARTMENT OF DATA SCIENCE

CERTIFICATE OF APPRECIATION

This is to certify that_____ studying

_____has participated and successfully finished Certificate course

on "PROGRAMMIN IN 'C' LANGUAGE" conducted by Department of Data science,

Nagarjuna Government College (A), Nalgonda from 13th OCT 2022 TO 24th OCT 2022 .

SP. VENKATA RAMANA
M.Sc., M.Phil., (Ph.D)
Course Coordinator
Head of the Department
Department of Computers

PRINCIPAL