NAGARJUNA GOVT. COLLEGE (A)

IIT BOMBAY SPOKEN TUTROAL

AYADEMIC YEAR: 2019-20

Organized by

NODAL

TELANGANA SKILLS & KNOWLEDGE CENTRE
TS KC
elangana Skills & Knowledge Centr

CREATING OPPORTUNITIES   **DEVELOPING SKILLS**   **UNLEASHING POTENTIAL**

NAGARJUNA GOVERNMENT COLLEGE (A)
Re-Accredited by NAAC with 'A' Grade
Affiliated to Mahatma Gandhi University
NALGONDA

THE C PROGRAMMING LANGUAGE

C++

CERTIFICATE

COURSE

Forum help available to all learners

Content available in 22 Indian languages

INDIAN INSTITUTE OF TECHNOLOGY BOMBAY

THE
C   **C++**
PROGRAMMING LANGUAGE

NAGARJUNA GOVT. COLLEGE (A) NALGONDA
TELANGANA SKILLS & KNOWLEDGE CENTRE

C and CPP Certificate Course
in collaboration with
IIT Bombay Spoken Tutorial
***

Report:

Telangana Skills & Knowledge Centre (TSKC) conducted a certificate course on C and CPP from 01-03-2020. In these course 118 students from MPCS, MSCS and BCOM CA were enrolled and successfully completed their course.

Course outcome:

After completion of course student easily writes the program in C and C++ and they know difference between procedural and object oriented paradigm with concepts of streams, classes, functions, data and objects. Understand dynamic memory management techniques using pointers, constructors, destructors, function overloading, operator overloading, virtual functions and polymorphism. These course are the fundamental course for any Computer Science background students, which helpful to get job in IT field

NAGARJUNA GOVT. COLLEGE (A) NALGONDA
TELANGANA SKILLS & KNOWLEDGE CENTRE

Date: 17-02-2020

NOTICE

All the B.Sc, B.Com & B.A students are hereby informed that, who are not registered in the IIT Bombay Spoken Tutorial for the Academic Year 2019-20, register immediately by scanning the QR Code. Last date for registration is 24-02-2020.

Note:

1. It is free of cost & remote learning training
2. After completion of the course you will get a certificate from IIT Bombay Spoken Tutorial
3. Course will be allotted and will intimate on 26-02-2020
4. Already registered student no need to register again

TSKC Co-Ordinator (Nodal)
N.G. College (A), NALGONDA

NAGARJUNA GOVT. COLLEGE(A) NALGONDA
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IIT BOMBAY SPOKEN TUTORIAL

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NAGARJUNA GOVT. COLLEGE (A) NALGONDA
TELANGANA SKILLS & KNOWLEDGE CENTRE

Date: 26-02-2020

NOTICE

All the below mentioned groups of IIT Bombay Spoken Tutorial registered students hereby informed that, TSKC allotted your course for the Academic year 2019-20 are shown below. In this regard instructed that complete your course before 31-03-2020.

Sl.No	Group	Year	Allotted Course	Duration
1	MBC	III	Biopython	1 Month
2	MZC	III		
3	MBC	II		
4	MZC	II		
5	MSCS	II	C and Cpp	
6	MPCS	II		
7	BCOM CA	III		
8	BZC	III	CellDesigner	
9	BZG	III		
10	BBC	III		
11	BBC	II		
12	BTZC	II		
13	MPC	II	GeoGebra 5.04	
14	MPC	III		
15	MCIC	III		
16	MPG	III		
17	MPG	II		
18	MPCS	III	HTML	

Note: Any doubts contact @ TSKC Lab, NG College(A) Nalgonda

TSKC Co-Ordinator (Nodal)
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1 Online / Offline content

1. The online content of Spoken Tutorials can be accessed from :
   https://spoken-tutorial.org/tutorial-search/

2. You can also download the Spoken Tutorials for offline learning from :
   https://spoken-tutorial.org/cdcontent/

3. From this link download the FOSS categories in the language you wish to learn.

4. The Spoken Tutorial content will be downloaded as a zip file on your machine.

5. Extract the contents of the zip file & access them.

2 The procedure to practise

1. You have been given a set of spoken tutorials and files.

2. You will typically do one tutorial at a time.

3. You may listen to a spoken tutorial and reproduce all the commands shown in the video, as explained in the "Side-by-Side learning" video.

4. If you find it difficult to do the above, you may consider listening to the whole tutorial once and then practise during the second hearing.

3 C and C++

1. Click on `"Select FOSS"` or `"All FOSS Categories"` drop-down and choose `"C-and-CPP"`.

2. Click on `"Select Language"` or `"All Languages"` drop-down and choose the language (English, Hindi, Marathi ...) in which you wish to learn.

3. Click on `"Submit"` button.

4. You will see a list of tutorials based on your selection.

5. Start with the first tutorial in the displayed list.

4 First tutorial: First C Program

1. Locate the topic `"First C Program"` and click on it.

2. To view the tutorial, click on the `Play` icon which is located in the player.

3. The `Pre-requisite` will be visible below the player (only for Online contents).

4. `Outline, Assignments, Code Files and Slides` are available below the player.

5. Adjust the size of the browser in such a way that you are able to practise in parallel.

4.1 Instructions to practise on Linux OS

I) **How to learn from the tutorials**

   (a) The tutorials are explained on the `Linux OS`.

   (b) It will be easy for Linux users to follow, as instructed in the tutorial.

II) **Gedit Text Editor**

   (a) The commands are typed in `gedit Text Editor` on the `Linux OS`.

   (b) The version of `gedit` that you are using will be different from the version used in the tutorials. Hence, it is expected to see some differences between the tutorial and the actual `gedit` interface that you will be using.

4.2 Instructions to practise on Windows OS

I) **How to use Command Prompt**

   (a) At `0:55 mins`, pause the video.

   (b) Here the video shows how to open the `"Terminal"` in `Linux OS`.

   (c) On Windows, one has to use `"Command Prompt"`.

   (d) To open the `"Command Prompt"` on Windows, press the `"Windows"` key and `"R" key` simultaneously on your keyboard. It will open the `"Run"` prompt.

(e) At the prompt, type `"cmd"` and click on `"Ok"`.

(f) This will open the `"Command Prompt"`.

(g) Now resume the video.

II) **How to use Notepad++**

(a) At `1:10`, pause the video.

(b) Here the video shows how to open`"gedit" text editor` in `Linux OS`.

(c) On Windows, one has to use `"Notepad++" text editor`.

(d) `Notepad++` can be opened from `Start >> Applications >> Notepad++`.

(e) Type the program code as shown in the tutorial in `"Notepad++" text editor`.

(f) Now resume the video.

III) **How to compile and execute**

(a) At `6:50`, pause the video.

(b) Here the video shows how to execute the program in `Linux OS`.

(c) To run the program after compilation in Windows OS, type `myoutput.exe` instead of `./myoutput`

4.3 Common instructions for Assignments

(a) At the prompt, type `cd Desktop/` and press `"Enter"`.

(b) Now type `mkdir name-rollno-c-cpp` and press `"Enter"`.
(Eg. `mkdir Ashwini-1-c-cpp`)

(c) This will create a folder with your `"name"` and `"rollno"` on the `Desktop`.

(d) Type `cd name-rollno-C++` and press `"Enter"`.
(Eg. `cd Ashwini-1-c-cpp`)

(e) This will take you to that particular folder.

(f) Give a unique name to the files you save in your folder, so as to recognize it next time.
(Eg. `"Practice-01-c"`)

(g) Remember to save all your work in your directory.

(h) This will ensure that your files don't get over-written by someone else.

(i) Remember to save your work from time to time, instead of saving it at the end of the task.

(j) Attempt the `Assignments` as instructed in the tutorial.

(k) Save your work in your folder.

4.4 Common instructions to use Code files

(a) Click on the link `"Code files"` located below the player and save it in your folder.

(b) Extract the downloaded zip file.

(c) You will see all the code/source files used in the particular tutorial.

(d) Remember to change the `path` to this `directory` after opening the `terminal`.

(e) Then use these files as per the instructions given in the particular tutorial.

6. Play-pause-practise the whole tutorial.

7. Once the tutorial is complete, choose the next tutorial from the playlist which is located on the right side or below the player.

8. Follow all the above instructions, till you complete all the tutorials in the series.

5 Eighth tutorial: Increment and Decrement Operators

1. At 7:57 `printf` statement shows `printf("Value of c is %f/n", c)`

2. It should be read & typed as `printf("Value of c is %.2f/n", c)`

3. This is shown at time 8:15

6 Twelfth tutorial: Loops

1. At 9:33, A code is executed which goes into an infinite loop.

2. To terminate the loop, press `Ctrl + C` keys simultaneously on the keyboard.

7 Twentieth tutorial: File handling in C

1. At 2:20 & 4:19, the path to store `sample.txt` file is mentioned.

2. If typed as given, this path will give you an error on your machine.

3. Instead of the path shown in the video, choose the path as per the directories in your system.

Certificate of Participation

This is to certify that **AFEERA THAMKEEN** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

March 1st 2020

Prof. Kannan M Moudgalya
IIT Bombay

Certificate of Participation

Spoken Tutorial
Project at
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March 1st 2020

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A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

March 1st 2020

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Certificate of Participation

This is to certify that **ANNAPURI LIKHITHA** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

March 1st 2020

Prof. Kannan M Moudgalya
IIT Bombay

Spoken Tutorial
Project at
IIT Bombay

Certificate of Participation

This is to certify that **ANNEPAKA ROHINI** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

March 1st 2020

Prof. Kannan M Moudgalya
IIT Bombay

Certificate of Participation

Spoken Tutorial
Project at
IIT Bombay

This is to certify that **SOUJANYA AROORI** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

March 1st 2020

Prof. Kannan M Moudgalya
IIT Bombay

Certificate of Participation

Spoken Tutorial Project at IIT Bombay

This is to certify that **ATTHI SAIPAVAN** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

March 1st 2020

Prof. Kannan M Moudgalya
IIT Bombay

Certificate of Participation

This is to certify that **AYESHA TABASSUM** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

March 1st 2020

Prof. Kannan M Moudgalya
IIT Bombay

Spoken Tutorial
Project at
IIT Bombay

Certificate of Participation

This is to certify that **BACHALI SAIVIGNAN** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

March 1st 2020

Prof. Kannan M Moudgalya
IIT Bombay

Certificate of Participation

Spoken Tutorial
Project at
IIT Bombay

This is to certify that **BATHULA NAGAJYOTHI** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

March 1st 2020

Prof. Kannan M Moudgalya
IIT Bombay

Spoken Tutorial
Project at
IIT Bombay

Certificate of Participation

This is to certify that **BATTU MOUNIKA** participated in the **C and Cpp** training organized

at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020**

semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

March 1st 2020

Prof. Kannan M Moudgalya
IIT Bombay

Spoken Tutorial
Project at
IIT Bombay

Certificate of Participation

This is to certify that **REVATHI BODDU** participated in the **C and Cpp** training organized

at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020**

semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

March 1st 2020

Prof. Kannan M Moudgalya
IIT Bombay

Certificate of Participation

This is to certify that **BOYAPARTHY BHAGATH** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

March 1st 2020

Prof. Kannan M Moudgalya
IIT Bombay

Spoken Tutorial
Project at
IIT Bombay

Certificate of Participation

Spoken Tutorial Project at IIT Bombay

This is to certify that **SRAVANI BUDIDA** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

March 1st 2020

Prof. Kannan M Moudgalya
IIT Bombay

Certificate of Participation

This is to certify that **CHILUKURI RUPA** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

March 1st 2020

Prof. Kannan M Moudgalya
IIT Bombay

Spoken Tutorial Project at IIT Bombay

Certificate of Participation

Spoken Tutorial
Project at
IIT Bombay

This is to certify that **CHITHRAM SHOBHANBABU** participated in the **C and Cpp**
training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in
January 2020 semester, with course material provided by the Spoken Tutorial Project,
IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

March 1st 2020

Prof. Kannan M Moudgalya
IIT Bombay

Certificate of Participation

This is to certify that **CHOLLETI SAIDINESH** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

March 1st 2020

Prof. Kannan M Moudgalya
IIT Bombay

Spoken Tutorial
Project at
IIT Bombay

Certificate of Participation

Spoken Tutorial
Project at
IIT Bombay

This is to certify that **DAMARACHARLA KEERTHANA** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

March 1st 2020

Prof. Kannan M Moudgalya
IIT Bombay

Certificate of Participation

This is to certify that **GANDIKOTA MANISHA** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

March 1st 2020

Prof. Kannan M Moudgalya
IIT Bombay

Certificate of Participation

This is to certify that **GANDURI BHAVANI** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

March 1st 2020

Prof. Kannan M Moudgalya
IIT Bombay

Spoken Tutorial Project at IIT Bombay

Certificate of Participation

This is to certify that **GUNDEBOINA JYOTHI** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

March 1st 2020

Prof. Kannan M Moudgalya
IIT Bombay

Spoken Tutorial Project at IIT Bombay

Certificate of Participation

This is to certify that **GUNTI DEEPA** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

March 1st 2020

Prof. Kannan M Moudgalya
IIT Bombay

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Project at
IIT Bombay

Certificate of Participation

This is to certify that **GURIJALA SAI VIVEK** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

March 1st 2020

Prof. Kannan M Moudgalya
IIT Bombay

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IIT Bombay

Certificate of Participation

This is to certify that **GURRAM BRAHMAM** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

March 1st 2020

Prof. Kannan M Moudgalya
IIT Bombay

Certificate of Participation

This is to certify that **GUTHA PRANAYA** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

March 1st 2020

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IIT Bombay

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Project at
IIT Bombay

Certificate of Participation

Spoken Tutorial Project at IIT Bombay

This is to certify that **ITHABOINA DINESH** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

March 1st 2020

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IIT Bombay

Certificate of Participation

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This is to certify that **JANGILI SHIVAM** participated in the **C and Cpp** training organized

at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020**

semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

March 1st 2020

Prof. Kannan M Moudgalya
IIT Bombay

Certificate of Participation

This is to certify that **JUVERIYA TASKEEN** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

March 1st 2020

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IIT Bombay

Certificate of Participation

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This is to certify that **PRAVEEN KUMAR KAIRAMKONDA** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

March 1st 2020

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IIT Bombay

Certificate of Participation

This is to certify that **KAMBAMPATI UDAYKIRAN** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

March 1st 2020

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IIT Bombay

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Project at
IIT Bombay

Certificate of Participation

This is to certify that **KAMBHAMPATI ANITHA ANITHA** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

March 1st 2020

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IIT Bombay

Certificate of Participation

This is to certify that **KANDHULA SRIKANTH** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

March 1st 2020

Prof. Kannan M Moudgalya
IIT Bombay

Spoken Tutorial Project at IIT Bombay

Certificate of Participation

This is to certify that **KOMPALLI MADHU KUMAR** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

March 1st 2020

Prof. Kannan M Moudgalya
IIT Bombay

Spoken Tutorial Project at IIT Bombay

Certificate of Participation

Spoken Tutorial Project at IIT Bombay

This is to certify that **KOTTE RAMESH** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

March 1st 2020

Prof. Kannan M Moudgalya
IIT Bombay

Certificate of Participation

This is to certify that **MD ZAFAR AHMED** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

March 1st 2020

Prof. Kannan M Moudgalya
IIT Bombay

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Project at
IIT Bombay

Certificate of Participation

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IIT Bombay

This is to certify that **MOHAMMED AZHARUDDIN** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

March 1st 2020

Prof. Kannan M Moudgalya
IIT Bombay

Certificate of Participation

This is to certify that **NARAGONI ARAVIND** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

March 1st 2020

Prof. Kannan M Moudgalya
IIT Bombay

Spoken Tutorial Project at IIT Bombay

Certificate of Participation

This is to certify that **NARAGONI PRASANNA** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

March 1st 2020

Prof. Kannan M Moudgalya
IIT Bombay

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Project at
IIT Bombay

Certificate of Participation

This is to certify that **ASHWINI NERATI** participated in the **C and Cpp** training organized

at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020**

semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

March 1st 2020

Prof. Kannan M Moudgalya
IIT Bombay

Certificate of Participation

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Project at
IIT Bombay

This is to certify that **POGULA RADHA** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

March 1st 2020

Prof. Kannan M Moudgalya
IIT Bombay

Certificate of Participation

Spoken Tutorial Project at IIT Bombay

This is to certify that **PUNNA VENNELA** participated in the **C and Cpp** training organized

at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020**

semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

March 1st 2020

Prof. Kannan M Moudgalya
IIT Bombay

Certificate of Participation

This is to certify that **PUTTA GANESH** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

March 1st 2020

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IIT Bombay

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Project at
IIT Bombay

Certificate of Participation

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Project at
IIT Bombay

This is to certify that **DEEPIKA RAGAM** participated in the **C and Cpp** training organized

at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020**

semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

March 1st 2020

Prof. Kannan M Moudgalya
IIT Bombay

Certificate of Participation

Spoken Tutorial Project at IIT Bombay

This is to certify that **RUDRA ADITHYA** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

March 1st 2020

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IIT Bombay

Certificate of Participation

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Project at
IIT Bombay

This is to certify that **SILIVERU LAVANYA** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

March 1st 2020

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IIT Bombay

Certificate of Participation

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Project at
IIT Bombay

This is to certify that **VALLAMLA KAVITHA** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

March 1st 2020

Prof. Kannan M Moudgalya
IIT Bombay

Certificate of Participation

This is to certify that **VALLAPU SAIDULU** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

March 1st 2020

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IIT Bombay

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IIT Bombay

Certificate of Participation

This is to certify that **VALLAPU TEJASREE** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

March 1st 2020

Prof. Kannan M Moudgalya
IIT Bombay

Certificate of Participation

This is to certify that **VORUVALA ANUSHA** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

March 1st 2020

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IIT Bombay

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IIT Bombay

Certificate of Participation

This is to certify that **RAVIRALA CHANDU** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

March 1st 2020

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IIT Bombay

Certificate of Participation

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Project at
IIT Bombay

This is to certify that **MANOJ DUBBAKA** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

March 1st 2020

Prof. Kannan M Moudgalya
IIT Bombay

Certificate of Participation

This is to certify that **DASARI PAVANRAJ** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

March 1st 2020

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IIT Bombay

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Project at
IIT Bombay

Certificate of Participation

This is to certify that **SANDEEP JADIGA** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

March 1st 2020

Prof. Kannan M Moudgalya
IIT Bombay

Spoken Tutorial
Project at
IIT Bombay

Certificate of Participation

This is to certify that **MADANABOINA MAHESH** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

March 1st 2020

Prof. Kannan M Moudgalya
IIT Bombay

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Project at
IIT Bombay

Certificate of Participation

Spoken Tutorial
Project at
IIT Bombay

This is to certify that **BHAVANI NETHI** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

March 1st 2020

Prof. Kannan M Moudgalya
IIT Bombay

Certificate of Participation

This is to certify that **THIRAMDAS NAVEEN KUMAR** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

March 1st 2020

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IIT Bombay

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IIT Bombay

Certificate of Participation

This is to certify that **VAMPU NARESH** participated in the **C and Cpp** training organized

at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020**

semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

March 1st 2020

Prof. Kannan M Moudgalya
IIT Bombay

Certificate of Participation

Spoken Tutorial Project at IIT Bombay

This is to certify that **UPENDER VUTKURI** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

March 1st 2020

Prof. Kannan M Moudgalya
IIT Bombay

Certificate of Participation

Spoken Tutorial
Project at
IIT Bombay

This is to certify that **ADDANKI LAYASREE** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

May 1st 2020

Prof. Kannan M Moudgalya
IIT Bombay

Certificate of Participation

Spoken Tutorial
Project at
IIT Bombay

This is to certify that **AMANCHI MAHESH** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

May 1st 2020

Prof. Kannan M Moudgalya
IIT Bombay

Certificate of Participation

This is to certify that **AVULA GANESH** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

May 1st 2020

Prof. Kannan M Moudgalya
IIT Bombay

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Project at
IIT Bombay

Certificate of Participation

Spoken Tutorial
Project at
IIT Bombay

This is to certify that **AVVARI RAMYA KRISHNA** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

May 1st 2020

Prof. Kannan M Moudgalya
IIT Bombay

Certificate of Participation

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IIT Bombay

This is to certify that **BADDE KALYANI** participated in the **C and Cpp** training organized

at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020**

semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

May 1st 2020

Prof. Kannan M Moudgalya
IIT Bombay

Certificate of Participation

This is to certify that **BANTU HEMALATHA** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

May 1st 2020

Prof. Kannan M Moudgalya
IIT Bombay

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Certificate of Participation

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This is to certify that **BOLLEDDU SATHISH KUMAR** participated in the **C and Cpp**

training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in

January 2020 semester, with course material provided by the Spoken Tutorial Project,

IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

May 1st 2020

Prof. Kannan M Moudgalya
IIT Bombay

Spoken Tutorial
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IIT Bombay

Certificate of Participation

This is to certify that **BOYAPPLLI MAMATHA** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

May 1st 2020

Prof. Kannan M Moudgalya
IIT Bombay

Certificate of Participation

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This is to certify that **DASARI SWAMY** participated in the **C and Cpp** training organized

at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020**

semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

May 1st 2020

Prof. Kannan M Moudgalya
IIT Bombay

Certificate of Participation

This is to certify that **DUDIMETLA SURESH** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

May 1st 2020

Prof. Kannan M Moudgalya
IIT Bombay

Certificate of Participation

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IIT Bombay

This is to certify that **GADIDA MANGA** participated in the **C and Cpp** training organized

at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020**

semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

May 1st 2020

Prof. Kannan M Moudgalya
IIT Bombay

Certificate of Participation

This is to certify that **GUNDU SPANDANA** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

May 1st 2020

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IIT Bombay

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Certificate of Participation

This is to certify that **KARINGU SHIRISHA** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

May 1st 2020

Prof. Kannan M Moudgalya
IIT Bombay

Certificate of Participation

This is to certify that **KOLANU SAIKRISHNA** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

May 1st 2020

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IIT Bombay

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This is to certify that **KOYYADI JHANSI** participated in the **C and Cpp** training organized

at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020**

semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

May 1st 2020

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IIT Bombay

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This is to certify that **MOHAMMED SAMREEN** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

May 1st 2020

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IIT Bombay

Certificate of Participation

This is to certify that **MADISHTTI KARTHIK** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

May 1st 2020

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Certificate of Participation

This is to certify that **MOHAMMAD ABDUL RAHMAN** participated in the **C and Cpp**

training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in

January 2020 semester, with course material provided by the Spoken Tutorial Project,

IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

May 1st 2020

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IIT Bombay

Certificate of Participation

This is to certify that **PAILLA RAMBABU** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

May 1st 2020

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IIT Bombay

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Certificate of Participation

This is to certify that **RAMAVATH KRISHNA KUMAR** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

May 1st 2020

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IIT Bombay

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Certificate of Participation

This is to certify that **SHAIK ASMA** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

May 1st 2020

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This is to certify that **SHAIK ANWAR** participated in the **C and Cpp** training organized at

Nagarjuna Government College (Autonomous), Nalgonda in **January 2020**

semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

May 1st 2020

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Certificate of Participation

This is to certify that **THARALA SHIRISHA** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

May 1st 2020

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Certificate of Participation

This is to certify that **VARIKUPPALA KEERTHI** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

May 1st 2020

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IIT Bombay

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Certificate of Participation

This is to certify that **BHUKYA MATTAPALLY** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

May 1st 2020

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IIT Bombay

Certificate of Participation

This is to certify that **TAGULLA GANESH** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

May 1st 2020

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Certificate of Participation

This is to certify that **APPAM SANKEERTHANA** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

May 1st 2020

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This is to certify that **BADDE PAVANI** participated in the **C and Cpp** training organized at

Nagarjuna Government College (Autonomous), Nalgonda in **January 2020**

semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

May 1st 2020

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This is to certify that **PALLEGONI SAIDULU** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

May 1st 2020

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IIT Bombay

Certificate of Participation

This is to certify that **PINNAPUREDDY MAMATHA** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

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This is to certify that **GADDAM RAMYA** participated in the **C and Cpp** training organized

at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020**

semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

May 1st 2020

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IIT Bombay

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May 1st 2020

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This is to certify that **CHINTHAMALLA SHIRISHA** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

May 1st 2020

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IIT Bombay

Certificate of Participation

This is to certify that **MAMIDALA SRUTHI** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

May 1st 2020

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Certificate of Participation

This is to certify that **MOHAMMED AYESHA** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

May 1st 2020

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This is to certify that **PARNE DEPIKA** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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May 1st 2020

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IIT Bombay

Certificate of Participation

This is to certify that **MOHAMMED RASHAD ALI** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

May 1st 2020

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This is to certify that **MOHAMMAD MOHSIN** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

May 1st 2020

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IIT Bombay

Certificate of Participation

This is to certify that **PATIL VISHAL** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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IIT Bombay

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Certificate of Participation

This is to certify that **AVVARI RAMYA KRISHNA** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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This is to certify that **MOHAMMAD ABDUL RAHMAN** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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This is to certify that **SHAIK HAIMAD PASHA** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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May 1st 2020

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IIT Bombay

Certificate of Participation

This is to certify that **UNGARALA SAHADEVUDU** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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Certificate of Participation

This is to certify that **NARABOINA LAVANYANA** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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May 1st 2020

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IIT Bombay

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This is to certify that **SAMPATHI SANDHYA RANI** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

May 1st 2020

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IIT Bombay

Certificate of Participation

This is to certify that **MATHANGI KANAKA DURGA** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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Certificate of Participation

This is to certify that **MEDISHETTI KARTHEEK** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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May 1st 2020

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This is to certify that **DASARI SWAMY** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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May 1st 2020

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IIT Bombay

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This is to certify that **VANAM MANIKRISHNA** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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May 1st 2020

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May 1st 2020

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This is to certify that **ALAMPALLY RENUKA** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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IIT Bombay

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Certificate of Participation

This is to certify that **RAMAVATH LAVANYA** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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This is to certify that **SHIVAJI PENDEM** participated in the **C and Cpp** training organized

at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020**

semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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May 1st 2020

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IIT Bombay

Certificate of Participation

This is to certify that **KALYAN KUMAR** participated in the **C and Cpp** training organized

at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020**

semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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May 1st 2020

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IIT Bombay

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Certificate of Participation

This is to certify that **CHINTHALA RAJINIKANTH** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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May 1st 2020

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IIT Bombay

Certificate of Participation

This is to certify that **HEMANTH CHILAKARAJU** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **C and Cpp** were covered in the training.

May 1st 2020

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IIT Bombay

Certificate of Participation

This is to certify that **BANTU HEMALATHA** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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IIT Bombay

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This is to certify that **PALAKURI PAVAN** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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IIT Bombay

Certificate of Participation

This is to certify that **MAREPALLY RAJU** participated in the **C and Cpp** training organized at **Nagarjuna Government College (Autonomous), Nalgonda** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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May 1st 2020

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IIT Bombay