


NAGARJUNA GOVT. COLLEGE (A)






IIT BOMBAY SPOKEN TUTORIAL

ACADEMIC YEAR: 2019-20

Organized by



NODAL
TELANGANA SKILLS & KNOWLEDGE CENTRE
TS KC
Telangana Skills & Knowledge Centre





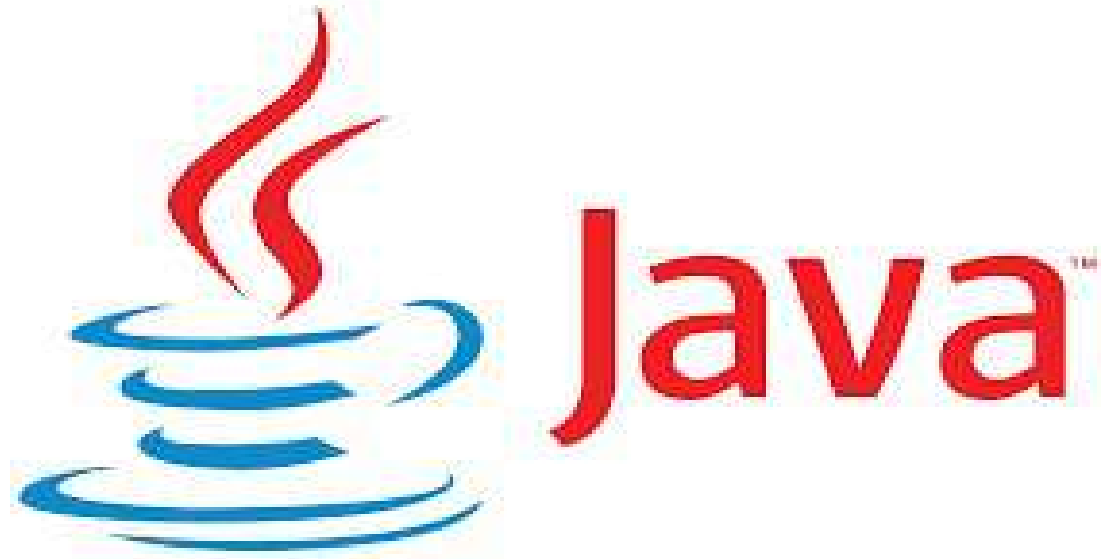
CREATING OPPORTUNITIES **DEVELOPING SKILLS** **UNLEASHING POTENTIAL**

NAGARJUNA GOVERNMENT COLLEGE (A)

Re-Accredited by NAAC with 'A' Grade
Affiliated to Mahatma Gandhi University

NALGONDA





CERTIFICATE

COURSE

Introduction

Java is a high-level, class-oriented, portable programming language that is designed to have as few implementation dependencies as possible. It is a general-purpose computer programming language that is designed to be as simple as possible to use, yet powerful enough to allow the developer to do just about anything you can do in C++.

Why Java?

Java is a platform-independent language. It is designed to be simple and easy to learn. It is a high-level language that is easy to use and learn. It is a general-purpose language that can be used to develop a wide range of applications.

Java Features

Java is a platform-independent language. It is designed to be simple and easy to learn. It is a high-level language that is easy to use and learn. It is a general-purpose language that can be used to develop a wide range of applications.

Conclusion

Java is a powerful and flexible programming language that is easy to learn and use. It is a general-purpose language that can be used to develop a wide range of applications.

Java is a high-level, class-oriented, portable programming language that is designed to have as few implementation dependencies as possible. It is a general-purpose computer programming language that is designed to be as simple as possible to use, yet powerful enough to allow the developer to do just about anything you can do in C++.

Forum help available to all learners

Forum help available to all learners. Content available in 22 Indian languages.

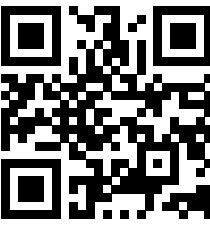


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Section 1: Introduction

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Text block 1.2: Single line separator.

Text block 1.3: Second paragraph of the first column.

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Text block 1.5: Third paragraph of the first column.

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Section 2: Main Content

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Section 3: Analysis

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Text block 3.13: Seventh paragraph of the fourth column.

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Text block 4.10: Sixth paragraph of the fifth column.

Text block 4.11: Seventh paragraph of the fifth column.

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

Java Certificate Course

in collaboration with

IIT Bombay Spoken Tutorial

Report:

Telangana Skills & Knowledge Centre (TSKC) conducted a certificate course on Java from 01-02-2020. In this course 101 students from MPCs, MSCS were enrolled and successfully completed their course.

Course outcome:

After successful completion of the course, the students are able to understand basic fundamentals of platform independent object oriented language. Student can develop reusable programs using the concepts of inheritance, polymorphism, interfaces and package. This course is very useful for Computer Science/Application background students to get the placements in MNC's

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

Date: 24-01-2020


NOTICE

All the B.Sc, B.Com & B.A students are hereby informed that TSKC begins IIT Bombay Spoken tutorial registration from 24-01-2020 for the Academic Year 2019-20. Last date for registration is 28-01-2020. Interested students should register in IIT Bombay Spoke Tutorial by scanning the QR Code



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 30-01-2020
4. Already registered student no need to register again


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

NAGARJUNA GOVT. COLLEGE(A) NALGONDA**TELANGANA SKILL & KNOWLEDGE CENTRE****IIT BOMBAY SPOKEN TUTORIAL- COURSE ALLOTMENT****Java-Student Enrollment**

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NAGARJUNA GOVT. COLLEGE(A) NALGONDA**TELANGANA SKILL & KNOWLEDGE CENTRE****IIT BOMBAY SPOKEN TUTORIAL- COURSE ALLOTMENT****Java-Student Enrollment**

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

Date: 30-01-2020

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 28-02-2020.

Sl.No	Group	Year	Allotted Course	Duration
1	BCOM CA	III	FrontAccounting-2.4.7	1 Month
2	BBC	III	GChemPaint	
3	MZC	III		
4	MBC	III		
5	MPC	III		
6	BZC	III		
7	MCIC	III		
8	MPCS	II		
9	MPCS	III	JAVA	
10	MSCS	II		

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



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



1 Online / Offline content

1. The online content of Spoken Tutorials can be accessed from :
<http://spoken-tutorial.org/tutorial-search/>
2. You can also download the Spoken Tutorials for offline learning from :
<http://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.
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 Java

1. Click on "Select FOSS" or "All FOSS Categories" drop-down and choose "Java".
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: Getting started with Java Installation

1. Locate the topic "Getting started with Java Installation" 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 practice in parallel.
6. At 2:56 mins, pause the video.

4.1 Open Terminal on Linux OS

- (a) The video says that you need to use the "Terminal" and "gedit text editor" in Linux OS.
- (b) The tutorials are explained on the Linux OS.
- (c) It will be easy for Linux users to follow as instructed in the tutorial.

4.2 Open Command Prompt on Windows OS

- (a) On Windows, one has to use "Command prompt" and "Notepad++ text editor" instead of "Terminal" and "gedit text editor".
- (b) To open the "Command Prompt" on Windows, press the "Windows" key and "R" key simultaneously on your keyboard. It will open the "Run" prompt.
- (c) At the prompt, type "cmd" and click on "Ok".
- (d) This will open the "Command" prompt.
- (e) Notepad++ can be opened from
Start >> Applications >> Notepad++.

7. Play-pause-practise the whole tutorial.
8. Once the tutorial is complete, choose the next tutorial from the playlist which is located on the right side or below the player
9. Follow all the above instructions, till you complete the first 2 tutorials.
10. Third tutorial, Installing Eclipse will teach how to install Eclipse on Linux.
11. For Eclipse - Windows Installation procedure, refer the Java - Installation Sheet.

5 Fourth tutorial : Getting started Eclipse

1. From here onwards, the remaining tutorials are explained using the **Eclipse IDE**.
2. The commands shown, will work on both **Linux OS** and **Windows OS**.
3. Follow all the instructions given in the individual tutorials and reproduce all the commands as shown.

5.1 Instructions to practise

- (a) Create a folder on the "**Desktop**" with your "**Name-RollNo-Component**". (Eg. "**prathamesh-04-java**").
- (b) Give a unique name to the files you save, so as to recognize it next time. (Eg. "**Practice-1-java**").
- (c) Remember to save all your work in your folder.
- (d) This will ensure that your files don't get over-written by someone else.
- (e) Save your work from time to time, instead of saving it at the end of the task.

5.2 Common instructions for Assignments

- (a) Attempt the **Assignments** as instructed in the tutorial.
- (b) Save your work in your folder.

5.3 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) Use these files as per the instructions given in the particular tutorial.
4. Play-pause-practise the whole tutorial.
 5. Once the tutorial is complete, choose the next tutorial from the playlist which is located on the right side or below the player.
 6. Follow all the above instructions, till you complete all the tutorials in the series.



Spoken Tutorial
Project at
IIT Bombay

Certificate of Participation

This is to certify that **AFEERA THAMKEEN** participated in the **Java** 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 **Java** were covered in the training.

May 1st 2020

A handwritten signature in black ink, appearing to read 'Kannan Moudgalya'.

Prof. Kannan M Moudgalya
IIT Bombay



Spoken Tutorial
Project at
IIT Bombay

Certificate of Participation

This is to certify that **AKKENAPALLY SHIVAKUMAR** participated in the **Java** 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 **Java** were covered in the training.

May 1st 2020

A handwritten signature in black ink, appearing to read 'Kannan Moudgalya'.

Prof. Kannan M Moudgalya
IIT Bombay



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Project at
IIT Bombay

Certificate of Participation

This is to certify that **AMIREDDY RADHIKA** participated in the **Java** 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 **Java** were covered in the training.

May 1st 2020

Prof. Kannan M Moudgalya
IIT Bombay



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A comprehensive set of topics pertaining to **Java** were covered in the training.

May 1st 2020

Prof. Kannan M Moudgalya
IIT Bombay



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May 1st 2020

Prof. Kannan M Moudgalya
IIT Bombay



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Certificate of Participation

This is to certify that **SOUJANYA AROORI** participated in the **Java** 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 **Java** were covered in the training.

May 1st 2020

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Certificate of Participation

This is to certify that **ATTHI SAIPAVAN** participated in the **Java** 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 **Java** were covered in the training.

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Certificate of Participation

This is to certify that **AYESHA TABASSUM** participated in the **Java** 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 **Java** were covered in the training.

May 1st 2020

A handwritten signature in black ink, appearing to read 'Kannan Moudgalya'.

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Certificate of Participation

This is to certify that **BACHALI SAIVIGNAN** participated in the **Java** 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 **Java** were covered in the training.

May 1st 2020

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Certificate of Participation

This is to certify that **BATHULA NAGAJYOTHI** participated in the **Java** 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 **Java** were covered in the training.

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This is to certify that **BATTU MOUNIKA** participated in the **Java** 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 **Java** were covered in the training.

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Certificate of Participation

This is to certify that **REVATHI BODDU** participated in the **Java** 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 **Java** were covered in the training.

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Certificate of Participation

This is to certify that **BOYAPARTHY BHAGATH** participated in the **Java** 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 **Java** were covered in the training.

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This is to certify that **SRAVANI BUDIDA** participated in the **Java** 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 **CHITHRAM SHOBHANBABU** participated in the **Java** 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 **DAMARACHARLA KEERTHANA** participated in the **Java** 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 **GANDIKOTA MANISHA** participated in the **Java** 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 **GUNDEBOINA JYOTHI** participated in the **Java** 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 **PRAVEEN KUMAR KAIRAMKONDA** participated in the **Java** 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 **KAMBAMPATI UDAYKIRAN** participated in the **Java** 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 **KOMPALLI MADHU KUMAR** participated in the **Java** 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 **MOHAMMED AZHARUDDIN** participated in the **Java** 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 **NARAGONI ARAVIND** participated in the **Java** 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 **ASHWINI NERATI** participated in the **Java** 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 **POGULA RADHA** participated in the **Java** 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 **PUNNA VENNELA** participated in the **Java** 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 **PUTTA GANESH** participated in the **Java** 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 **DEEPIKA RAGAM** participated in the **Java** 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 **RUDRA ADITHYA** participated in the **Java** 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 **Java** were covered in the training.

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Certificate of Participation

This is to certify that **SILIVERU LAVANYA** participated in the **Java** 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 **Java** were covered in the training.

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Certificate of Participation

This is to certify that **VALLAMLA KAVITHA** participated in the **Java** 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 **Java** were covered in the training.

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This is to certify that **VALLAPU SAIDULU** participated in the **Java** 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 **VALLAPU TEJASREE** participated in the **Java** 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 **VORUVALA ANUSHA** participated in the **Java** 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 **RAVIRALA CHANDU** participated in the **Java** 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 **MANOJ DUBBAKA** participated in the **Java** 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 **AKARAPU MAHENDAR** participated in the **Java** 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 **CHANDANA CHOLLETI** participated in the **Java** 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 **HARIKA BATTAPOTHULA** participated in the **Java** 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 **maneeshathirugudu THIRUGUDU** participated in the **Java** 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 **Java** were covered in the training.

May 1st 2020

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Certificate of Participation

This is to certify that **MANTIPALLY DEVIKA** participated in the **Java** 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 **Java** were covered in the training.

May 1st 2020

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Certificate of Participation

This is to certify that **MUDUSU SWAMY** participated in the **Java** 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 **Java** were covered in the training.

May 1st 2020

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Certificate of Participation

This is to certify that **NARSINGSAIKRISHNA KRISHNA** participated in the **Java** 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 **Java** were covered in the training.

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Certificate of Participation

This is to certify that **ORSU MAHESH** participated in the **Java** 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 **Java** were covered in the training.

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Certificate of Participation

This is to certify that **PRAVALLIKA THUMMALA** participated in the **Java** 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 **Java** were covered in the training.

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Certificate of Participation

This is to certify that **REDDY NAGA LAXMI** participated in the **Java** 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 **Java** were covered in the training.

May 1st 2020

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Certificate of Participation

This is to certify that **SAISHIVAJI NEELAKANTAM** participated in the **Java** 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 **Java** were covered in the training.

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This is to certify that **SHAIK NASREEN** participated in the **Java** 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 **Java** were covered in the training.

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Certificate of Participation

This is to certify that **SOWMYA VATTIPALLY** participated in the **Java** 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 **Java** were covered in the training.

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Certificate of Participation

This is to certify that **THAVITI MATSYAGIRI** participated in the **Java** 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 **Java** were covered in the training.

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Certificate of Participation

This is to certify that **THOTAPALLY SHIRISHA** participated in the **Java** 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 **Java** were covered in the training.

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Certificate of Participation

This is to certify that **TURUKA LAVANYA** participated in the **Java** 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 **Java** were covered in the training.

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Certificate of Participation

This is to certify that **VADLAKONDA SHIVALEELA** participated in the **Java** 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 **Java** were covered in the training.

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Certificate of Participation

This is to certify that **YARRAMADHA RAMYA** participated in the **Java** 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 **Java** were covered in the training.

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Certificate of Participation

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A comprehensive set of topics pertaining to **Java** were covered in the training.

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Certificate of Participation

This is to certify that **SWETHA NAMMULA** participated in the **Java** 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 **Java** were covered in the training.

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This is to certify that **BEEPANGI MANASA** participated in the **Java** 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 **Java** were covered in the training.

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This is to certify that **RAGHU KUKKALA** participated in the **Java** 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 **Java** were covered in the training.

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This is to certify that **MAMATHA KONDA** participated in the **Java** 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 **Java** were covered in the training.

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This is to certify that **SHIRISHA ESURAJU** participated in the **Java** 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 **Java** were covered in the training.

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This is to certify that **MUSHAM BHANUTEJA** participated in the **Java** 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 **MAHESH NARALA** participated in the **Java** 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 NASREEN** participated in the **Java** 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 **PARAMESHWARI JANTGI** participated in the **Java** 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 **Java** were covered in the training.

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This is to certify that **BOLLAM MOUNIKA** participated in the **Java** 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 **Java** were covered in the training.

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This is to certify that **UMADEVI AKITI** participated in the **Java** 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 **MEDA SRAVANI** participated in the **Java** 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 **GOGULA DIVYA** participated in the **Java** 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 **DASARI PAVANRAJ** participated in the **Java** 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 **Java** were covered in the training.

May 15th 2020

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This is to certify that **SANDEEP JADIGA** participated in the **Java** 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 **Java** were covered in the training.

May 15th 2020

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Certificate of Participation

This is to certify that **MADANABOINA MAHESH** participated in the **Java** 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 **BHAVANI NETHI** participated in the **Java** 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 **VAMPU NARESH** participated in the **Java** 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 15th 2020

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IIT Bombay



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This is to certify that **UPENDER VUTKURI** participated in the **Java** 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 15th 2020

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IIT Bombay