



Spoken Tutorial  
Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **ABHI AHER** participated in the **Android app using Kotlin** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2022** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Android app using Kotlin** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
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IIT Bombay

# Certificate of Participation

This is to certify that **ABHI AHER** participated in the **Blender** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Blender** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

September 3rd 2021

Prof. Kannan M Moudgalya  
IIT Bombay



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# Certificate of Participation

This is to certify that **ABHI AHER** participated in the **C and Cpp** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** 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. This training is offered by the Spoken Tutorial Project, IIT Bombay.

September 3rd 2021

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IIT Bombay



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# Certificate of Participation

This is to certify that **ABHIJAY NIKALJE** participated in the **Advanced Cpp** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2022** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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March 2nd 2022

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March 2nd 2022

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

September 3rd 2021

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IIT Bombay



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

September 3rd 2021

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This is to certify that **AISHWARYA ARGADE** participated in the **Java Business Application** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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

September 3rd 2021

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Prof. Kannan M Moudgalya  
IIT Bombay



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This is to certify that **AJINKYA NEVASE** participated in the **Linux** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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September 3rd 2021

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# Certificate of Participation

This is to certify that **AKANKSHA BHIMALE** participated in the **Java Business Application** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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

September 3rd 2021

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IIT Bombay



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# Certificate of Participation

This is to certify that **AKASH NAGALKAR** participated in the **LaTeX** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **LaTeX** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 5th 2021

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IIT Bombay



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March 2nd 2022

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IIT Bombay





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A comprehensive set of topics pertaining to **Android app using Kotlin** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

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March 2nd 2022

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IIT Bombay



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# Certificate of Participation

This is to certify that **ALEC LICHA** participated in the **Advanced Cpp** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2022** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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March 2nd 2022

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This is to certify that **AMOL IPPAR** participated in the **Java Business Application** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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September 3rd 2021

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This is to certify that **AMOL JANRAO** participated in the **Java Business Application** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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September 3rd 2021

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This is to certify that **AMOL KUMBHAR** participated in the **Java Business Application** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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September 3rd 2021

Prof. Kannan M Moudgalya  
IIT Bombay



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This is to certify that **AMOL KUMBHAR** participated in the **Linux** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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September 3rd 2021

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IIT Bombay



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This is to certify that **AMRUTA CHAVAN** participated in the **Advanced Cpp** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2022** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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March 2nd 2022

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IIT Bombay





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# Akhil Bharatiya Maratha Shikshan Parishad's Anantrao Pawar College of Engineering & Research, Pune



Accredited By NAAC, ISO 9001:2015 Certified  
Under Mentorship of College Of Engineering, Pune(COEP)  
Sr. No.103,Shahu College Campus Parvati, Pune

## Department of Information Technology

In Association with  
SPOKEN TUTORIAL, IIT BOMBAY

Organized

One Week Faculty/Student Development Program on

**“Android app using Kotlin”**

*Certificate of Participation*



ANDROID

This certificate declares that **Pratiksha Mahadeo Kindre** from **Information technology**, **Anantrao pawar college of engineering and research** has successfully completed Online One Week Faculty/Student Development Program on **“Android app using Kotlin”** From 18<sup>th</sup> Dec To 22<sup>nd</sup> Dec 2021 in association with **Spoken Tutorial, IIT Bombay** organised by **Department of Information Technology, Anantrao Pawar College of Engineering & Research, Pune.**

**Prof.A.N.Kalal**  
FDP/SDP Co-ordinator  
APCOER, PUNE

**Prof. K.S.Jetha**  
HOD, IT  
APCOER, PUNE

**Prof. S.S.Hajare**  
IQAC Cordinator  
APCOER, PUNE

**Dr. S.B.Thakare**  
Principal  
APCOER, PUNE

**Mrs.Pramila B.Gaikwad**  
ABMSP, PUNE

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# Akhil Bharatiya Maratha Shikshan Parishad's Anantrao Pawar College of Engineering & Research, Pune



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ANDROID

This certificate declares that **ROHAN PENDSE** from **IT, APCOER** has successfully completed Online One Week Faculty/Student Development Program on **“Android app using Kotlin”** From 18<sup>th</sup> Dec To 22<sup>nd</sup> Dec 2021 in association with **Spoken Tutorial, IIT Bombay** organised by **Department of Information Technology, Anantrao Pawar College of Engineering & Research, Pune.**

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ANDROID

This certificate declares that **RUSHIKESH MALLANATH** from **Information Technology, Anantrao pawar college of engineering & research, pune** has successfully completed Online One Week Faculty/Student Development Program on **“Android app using Kotlin”** From 18<sup>th</sup> Dec To 22<sup>nd</sup> Dec 2021 in association with **Spoken Tutorial, IIT Bombay** organised by **Department of Information Technology, Anantrao Pawar College of Engineering & Research, Pune.**

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ANDROID

This certificate declares that **Suyog Sunit Gamare** from **Second Year ( Information Technology)**, **Anantrao pawar College of engineering and research** has successfully completed Online One Week Faculty/Student Development Program on **“Android app using Kotlin”** From 18<sup>th</sup> Dec To 22<sup>nd</sup> Dec 2021 in association with **Spoken Tutorial, IIT Bombay** organised by **Department of Information Technology, Anantrao Pawar College of Engineering & Research, Pune.**

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IIT Bombay

# Certificate of Participation

This is to certify that **ANIKET BHADALE** participated in the **Linux** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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

September 3rd 2021

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **ANIKET DHAVAN** participated in the **Linux** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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

September 3rd 2021

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **ANIKET DHAVAN** participated in the **Java Business Application** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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

September 3rd 2021

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **ANIKET WAZARKAR** participated in the **Linux** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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

September 3rd 2021

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **ANJALI SONAR** participated in the **Java Business Application** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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

September 3rd 2021

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **APEKSHA GAURKHEDE** participated in the **Java Business Application** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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

September 3rd 2021

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 **ARATI KHATIK** participated in the **Java Business Application** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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

September 3rd 2021

Prof. Kannan M Moudgalya  
IIT Bombay





Spoken Tutorial  
Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **ASAD MULLA** participated in the **Linux** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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

September 3rd 2021

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **ASHWINI AABHALE** participated in the **Java Business Application** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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

September 3rd 2021

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 **Atharva.Milind.Thuse THUSE** participated in the **Advanced Cpp** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2022** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Advanced Cpp** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **Atharva.Milind.Thuse THUSE** participated in the **Android app using Kotlin** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2022** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Android app using Kotlin** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

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 **Atharva.Milind.Thuse THUSE** participated in the **Python 3.4.3** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2022** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Python 3.4.3** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **ATHARV HANDE** participated in the **Android app using Kotlin** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2022** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Android app using Kotlin** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **ATHARV HANDE** participated in the **Blender** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Blender** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

September 3rd 2021

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **ATHARV HANDE** participated in the **C and Cpp** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** 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. This training is offered by the Spoken Tutorial Project, IIT Bombay.

September 3rd 2021

Prof. Kannan M Moudgalya  
IIT Bombay





Spoken Tutorial  
Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **ATHARV HANDE** participated in the **Python 3.4.3** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2022** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Python 3.4.3** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **AVINASH DONGARE** participated in the **Advanced Cpp** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2022** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Advanced Cpp** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **AVISHKAR ROMAN** participated in the **Java Business Application** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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

September 3rd 2021

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

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
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# Certificate of Participation

This is to certify that **BHARAT HIRNAWALE** participated in the **Advanced Cpp** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2022** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Advanced Cpp** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **BHARAT HIRNAWALE** participated in the **Android app using Kotlin** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2022** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Android app using Kotlin** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay



Akhil Bharatiya Maratha Shikshan Parishad's  
Anantrao Pawar College of Engineering & Research, Pune

Accredited By NAAC, ISO 9001:2015 Certified  
Under Mentorship of College Of Engineering, Pune(COEP)  
Sr. No.103,Shahu College Campus Parvati, Pune

**Department of Computer Engineering**

In Association with  
SPOKEN TUTORIAL, IIT BOMBAY



Spoken Tutorials

Organized  
One week Student Development Program on  
**"FIREFOX"**  
*Certificate of Participation*



This certificate declares that Ajinkya Vivek Nevase has successfully completed online one week Student Development Program on **"FIREFOX"** From 15<sup>th</sup> NOV To 19<sup>th</sup> NOV 2021 in association with **Spoken Tutorial, IIT Bombay** organised by **Department of Computer Engineering, Anantrao Pawar College of Engineering & Research, Pune.**

**Prof. P. A. More**

SDP Co-ordinator  
APCOER, PUNE

HOD, COMPUTER  
APCOER, PUNE

**Prof. S.S.Hajare**

IQAC Coordinator  
APCOER, PUNE

**Dr. S. B.Thakare**

Principal  
APCOER, PUNE

**Mrs. Pramila B.Gaikwad**

General Secretary  
ABMSP, PUNE

Certificate ID 4HPDRY-CE000039

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# Certificate of Participation

This is to certify that **CHETAN BHOI** participated in the **Linux** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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

September 3rd 2021

Prof. Kannan M Moudgalya  
IIT Bombay



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# Certificate of Participation

This is to certify that **CHETAN BHOI** participated in the **Java Business Application** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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

September 3rd 2021

Prof. Kannan M Moudgalya  
IIT Bombay





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IIT Bombay

# Certificate of Participation

This is to certify that **CHHAYA. AGLAVE** participated in the **Advanced Cpp** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2022** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Advanced Cpp** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay



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IIT Bombay

# Certificate of Participation

This is to certify that **CHHAYA. AGLAVE** participated in the **Android app using Kotlin** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2022** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Android app using Kotlin** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay



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Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **CHHAYA. AGLAVE** participated in the **Python 3.4.3** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2022** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Python 3.4.3** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay



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Project at  
IIT Bombay

## Certificate for Completion of C Training

This is to certify that **CHETANA PATIL** has successfully completed **C** test organized at **Anantrao Pawar College Of Engineering & Research** by **PRANJALI MORE** with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training.

**Shubhada Jamadade Through Google Meet** from **Anantrao Pawar College Of Engineering & Research** invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

October 22nd 2022

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

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

## Certificate for Completion of C Training

This is to certify that **ADITYA SAPKAL** has successfully completed **C** test organized at **Anantrao Pawar College Of Engineering & Research** by **PRANJALI MORE** with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training.

**Shubhada Jamadade Through Google Meet** from **Anantrao Pawar College Of Engineering & Research** invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

October 22nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

## Certificate for Completion of C Training

This is to certify that **DEWENDRA BHARAMBE** has successfully completed **C** test organized at **Anantrao Pawar College Of Engineering & Research** by **PRANJALI MORE** with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training.

**Shubhada Jamadade Through Google Meet** from **Anantrao Pawar College Of Engineering & Research** invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

October 22nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

## Certificate for Completion of C Training

This is to certify that **ARYAN VERMA** has successfully completed **C** test organized at **Anantrao Pawar College Of Engineering & Research** by **PRANJALI MORE** with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training.

**Shubhada Jamadade Through Google Meet** from **Anantrao Pawar College Of Engineering & Research** invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

October 22nd 2022

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**Prof. Kannan M Moudgalya**  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

## Certificate for Completion of C Training

This is to certify that **GAUTAMI VARMA** has successfully completed **C** test organized at **Anantrao Pawar College Of Engineering & Research** by **PRANJALI MORE** with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training.

**Shubhada Jamadade Through Google Meet** from **Anantrao Pawar College Of Engineering & Research** invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

October 22nd 2022

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**Prof. Kannan M Moudgalya**  
IIT Bombay





Spoken Tutorial  
Project at  
IIT Bombay

## Certificate for Completion of C Training

This is to certify that **FURKAN SHIKILGAR** has successfully completed **C** test organized at **Anantrao Pawar College Of Engineering & Research** by **PRANJALI MORE** with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training.

**Shubhada Jamadade Through Google Meet** from **Anantrao Pawar College Of Engineering & Research** invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

October 22nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

## Certificate for Completion of C Training

This is to certify that **DARSHAN CHAUDHARI** has successfully completed **C** test organized at **Anantrao Pawar College Of Engineering & Research** by **PRANJALI MORE** with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training.

**Shubhada Jamadade Through Google Meet** from **Anantrao Pawar College Of Engineering & Research** invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

October 22nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

## Certificate for Completion of C Training

This is to certify that **BHAGYASHRI SAPKAL** has successfully completed **C** test organized at **Anantrao Pawar College Of Engineering & Research** by **PRANJALI MORE** with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training.

**Shubhada Jamadade Through Google Meet** from **Anantrao Pawar College Of Engineering & Research** invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

October 22nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

## Certificate for Completion of C Training

This is to certify that **TEJASHRI SAPKAL** has successfully completed **C** test organized at **Anantrao Pawar College Of Engineering & Research** by **PRANJALI MORE** with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training.

**Shubhada Jamadade Through Google Meet** from **Anantrao Pawar College Of Engineering & Research** invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

October 22nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

## Certificate for Completion of C Training

This is to certify that **MANASI NARKHEDE** has successfully completed **C** test organized at **Anantrao Pawar College Of Engineering & Research** by **PRANJALI MORE** with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training.

**Shubhada Jamadade Through Google Meet** from **Anantrao Pawar College Of Engineering & Research** invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

October 22nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

## Certificate for Completion of C Training

This is to certify that **ANUSHKA UNHALKAR** has successfully completed **C** test organized at **Anantrao Pawar College Of Engineering & Research** by **PRANJALI MORE** with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training.

**Shubhada Jamadade Through Google Meet** from **Anantrao Pawar College Of Engineering & Research** invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

October 22nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

## Certificate for Completion of C Training

This is to certify that **NEHA KALE** has successfully completed **C** test organized at **Anantrao Pawar College Of Engineering & Research** by **PRANJALI MORE** with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training.

**Shubhada Jamadade Through Google Meet** from **Anantrao Pawar College Of Engineering & Research** invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

October 22nd 2022

**Prof. Kannan M Moudgalya**  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

## Certificate for Completion of C Training

This is to certify that **ABHISHEK KHOMANE** has successfully completed **C** test organized at **Anantrao Pawar College Of Engineering & Research** by **PRANJALI MORE** with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training.

**Shubhada Jamadade Through Google Meet** from **Anantrao Pawar College Of Engineering & Research** invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

October 22nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay





Spoken Tutorial  
Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **DARSHAK KHEDEKAR** participated in the **LaTeX** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **LaTeX** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 5th 2021

**Prof. Kannan M Moudgalya**  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **DHANASHREE PISAL** participated in the **Java Business Application** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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

September 3rd 2021

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 **DHANASHRI DANEJ** participated in the **Java Business Application** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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

September 3rd 2021

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 **DHANSHRI PATIL** participated in the **Linux** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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

September 3rd 2021

Prof. Kannan M Moudgalya  
IIT Bombay



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Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **DHANSHRI PATIL** participated in the **Java Business Application** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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

September 3rd 2021

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **DNYANESHWARI SAWANT** participated in the **Java Business Application** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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

September 3rd 2021

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

Prof. Kannan M Moudgalya  
IIT Bombay



## CERTIFICATE

THIS IS TO CERTIFY THAT

**Niranjan  
Machhindranath**

Has Attended 5 Days Workshop  
on

**" eSim "**

held from 21 Jan 2022 to 27 Jan  
2022

Jointly Organized by

**AKHIL BHARATIYA MARATHA SHIKSHAN PARISHAD'S  
ANANTRAO PAWAR COLLEGE OF ENGINEERING & RESEARCH, PARVATI, PUNE**

IIT Bombay Remote Center ID-1431  
&

IN ASSOCIATION WITH SPOKEN TUTORIAL, IIT BOMBAY

Prof. Ashlesha Adsul  
Workshop Coordinator  
APCOER, Pune

Prof. Shailesh Hajare  
IQAC Coordinator  
APCOER, Pune

Dr. Sunil B. Thakar  
Principal  
APCOER, Pune

Mrs. Pramila B. Gaikwad  
General Secretary



## CERTIFICATE

THIS IS TO CERTIFY THAT

**Sudhakar Naval**  
**Dhangar**

Has Attended 5 Days Workshop  
on

**" eSim "**

held from 21 Jan 2022 to 27 Jan  
2022

Jointly Organized by

**AKHIL BHARATIYA MARATHA SHIKSHAN PARISHAD'S**  
**ANANTRAO PAWAR COLLEGE OF ENGINEERING & RESEARCH, PARVATI, PUNE**

IIT Bombay Remote Center ID-1431  
&

IN ASSOCIATION WITH SPOKEN TUTORIAL, IIT BOMBAY

Prof. Ashlesha Adsul  
Workshop Coordinator  
APCOER, Pune

Prof. Shailesh Hajare  
IQAC Coordinator  
APCOER, Pune

Dr. Sunil B. Thakar  
Principal  
APCOER, Pune

Mrs. Pramila B. Gaikwad  
General Secretary





## CERTIFICATE

THIS IS TO CERTIFY THAT

**Sharad**

Has Attended 5 Days Workshop  
on

**" eSim "**

held from 21 Jan 2022 to 27 Jan  
2022

Jointly Organized by

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ANANTRAO PAWAR COLLEGE OF ENGINEERING & RESEARCH, PARVATI, PUNE**

IIT Bombay Remote Center ID-1431  
&

IN ASSOCIATION WITH SPOKEN TUTORIAL, IIT BOMBAY

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General Secretary



## CERTIFICATE

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**Ashlesha C. Adsul**

Has Attended 5 Days Workshop  
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General Secretary



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**Parmeshwar Bhimale**

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## CERTIFICATE

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**Niranjan  
Machhindranath**

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## CERTIFICATE

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**Sudhakar Naval**  
**Dhangar**

Has Attended 5 Days Workshop  
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March 2nd 2022

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IIT Bombay



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September 3rd 2021

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September 3rd 2021

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March 2nd 2022

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March 2nd 2022

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IIT Bombay



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March 2nd 2022

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# Certificate of Participation

This is to certify that **GAYATRI PATIL** participated in the **Linux** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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

September 3rd 2021

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# Certificate of Participation

This is to certify that **GAYATRI PATIL** participated in the **Java Business Application** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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

September 3rd 2021

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# Certificate of Participation

This is to certify that **HARSHADA THOMBARE** participated in the **Java Business Application** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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

September 3rd 2021

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This is to certify that **HARSHADA KALE** participated in the **Advanced Cpp** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2022** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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# Certificate of Participation

This is to certify that **JAYESH KARADKHELE** participated in the **Java Business Application** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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

September 3rd 2021

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This is to certify that **JIDNYASA GIRASE** participated in the **Java Business Application** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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March 2nd 2022

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# Certificate of Participation

This is to certify that **KUNAL TUPE** participated in the **Blender** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Blender** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

September 3rd 2021

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **KUNAL MALWADKAR** participated in the **Blender** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Blender** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

September 3rd 2021

Prof. Kannan M Moudgalya  
IIT Bombay





Spoken Tutorial  
Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **KUNAL TUPE** participated in the **C and Cpp** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** 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. This training is offered by the Spoken Tutorial Project, IIT Bombay.

September 3rd 2021

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **KUNAL MALWADKAR** participated in the **C and Cpp** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** 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. This training is offered by the Spoken Tutorial Project, IIT Bombay.

September 3rd 2021

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **KUNAL MALWADKAR** participated in the **Python 3.4.3** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2022** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Python 3.4.3** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

**Prof. Kannan M Moudgalya**  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **KUNAL TUPE** participated in the **Python 3.4.3** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2022** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Python 3.4.3** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **KUNAL TUPE** participated in the **Python 3.4.3** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2022** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Python 3.4.3** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay



Akhil Bharatiya Maratha Shikshan Parishad's  
**Anantrao Pawar College of Engineering & Research, Pune**



Accredited By NAAC, ISO 9001:2015 Certified  
Under Mentorship of College Of Engineering, Pune(COEP)  
Sr. No.103,Shahu College Campus Parvati, Pune

**Department of Information Technology**

In Association with  
**SPOKEN TUTORIAL, IIT BOMBAY**

**L<sup>A</sup>T<sub>E</sub>X**

Organized

**One Week Faculty/Student Development Program on**

**“Latex”**

***Certificate of Participation***

This certificate declares that **Anjali Jalindar Gaikwad** from **IT, Anantrao Pawar college of engineering and research pune** has successfully completed Online One Week Faculty/Student Development Program on **“Latex”** From 28<sup>th</sup> Feb To 4<sup>th</sup> Mar 2022 in association with **Spoken Tutorial, IIT Bombay** organised by **Department of Information Technology, Anantrao Pawar College of Engineering & Research, Pune.**

**Prof.A.N.Kalal**

FDP/SDP Co-ordinator  
APCOER, PUNE

**Prof. K.S.Jetha**

HOD, IT  
APCOER, PUNE

**Prof. S.S.Hajare**

IQAC Cordinator  
APCOER, PUNE

**Dr. S.B.Thakare**

Principal  
APCOER, PUNE

**Mrs.Pramila B.Gaikwad**

ABMSP, PUNE

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# Akhil Bharatiya Maratha Shikshan Parishad's Anantrao Pawar College of Engineering & Research, Pune



Accredited By NAAC, ISO 9001:2015 Certified  
Under Mentorship of College Of Engineering, Pune(COEP)  
Sr. No.103,Shahu College Campus Parvati, Pune

## Department of Information Technology

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# LATEX

Organized

### One Week Faculty/Student Development Program on

## “Latex”

## Certificate of Participation

This certificate declares that **Dhanashri Hemantsa Danej** from **Information technology, Anantrao Pawar College of Engineering and Research pune** has successfully completed Online One Week Faculty/Student Development Program on **“Latex”** From 28<sup>th</sup> Feb To 4<sup>th</sup> Mar 2022 in association with **Spoken Tutorial, IIT Bombay** organised by **Department of Information Technology, Anantrao Pawar College of Engineering & Research, Pune.**

**Prof.A.N.Kalal**

FDP/SDP Co-ordinator  
APCOER, PUNE

**Prof. K.S.Jetha**

HOD, IT  
APCOER, PUNE

**Prof. S.S.Hajare**

IQAC Cordinator  
APCOER, PUNE

**Dr. S.B.Thakare**

Principal  
APCOER, PUNE

**Mrs.Pramila B.Gaikwad**

ABMSP, PUNE

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# Akhil Bharatiya Maratha Shikshan Parishad's Anantrao Pawar College of Engineering & Research, Pune



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## Department of Information Technology

In Association with  
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# LATEX

Organized

### One Week Faculty/Student Development Program on

## “Latex”

## *Certificate of Participation*

This certificate declares that **Harshada Tanaji Thombare** from **IT, Anantrao Pawar College Of Engineering And Research** has successfully completed Online One Week Faculty/Student Development Program on **“Latex”** From 28<sup>th</sup> Feb To 4<sup>th</sup> Mar 2022 in association with **Spoken Tutorial, IIT Bombay** organised by **Department of Information Technology, Anantrao Pawar College of Engineering & Research, Pune.**

**Prof.A.N.Kalal**

FDP/SDP Co-ordinator  
APCOER, PUNE

**Prof. K.S.Jetha**

HOD, IT  
APCOER, PUNE

**Prof. S.S.Hajare**

IQAC Coordinator  
APCOER, PUNE

**Dr. S.B.Thakare**

Principal  
APCOER, PUNE

**Mrs.Pramila B.Gaikwad**

ABMSP, PUNE

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Akhil Bharatiya Maratha Shikshan Parishad's  
**Anantrao Pawar College of Engineering & Research, Pune**



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Sr. No.103,Shahu College Campus Parvati, Pune

**Department of Information Technology**

In Association with  
**SPOKEN TUTORIAL, IIT BOMBAY**

**L<sup>A</sup>T<sub>E</sub>X**

Organized

**One Week Faculty/Student Development Program on**

**“Latex”**

***Certificate of Participation***

This certificate declares that **Yogesh More** from **IT(Information Technology)**, **Anantrao Pawar College Of Engineering & Research** has successfully completed Online One Week Faculty/Student Development Program on **“Latex”** From 28<sup>th</sup> Feb To 4<sup>th</sup> Mar 2022 in association with **Spoken Tutorial, IIT Bombay** organised by **Department of Information Technology**, **Anantrao Pawar College of Engineering & Research, Pune**.

**Prof.A.N.Kalal**  
FDP/SDP Co-ordinator  
APCOER, PUNE

**Prof. K.S.Jetha**  
HOD, IT  
APCOER, PUNE

**Prof. S.S.Hajare**  
IQAC Cordinator  
APCOER, PUNE

**Dr. S.B.Thakare**  
Principal  
APCOER, PUNE

**Mrs.Pramila B.Gaikwad**  
ABMSP, PUNE

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Spoken Tutorial  
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IIT Bombay

# Certificate of Participation

This is to certify that **MANASI KHUDE** participated in the **Linux** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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

September 3rd 2021

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **MANTHAN JADHAV** participated in the **Java Business Application** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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

September 3rd 2021

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 **MINAL WAYDANDE** participated in the **Advanced Cpp** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2022** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Advanced Cpp** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **MININATH SHINGARE** participated in the **Advanced Cpp** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2022** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Advanced Cpp** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **MITHILESH BIBWE** participated in the **Python 3.4.3** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Python 3.4.3** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

August 30th 2021

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **MOHAMMED MAAZ SHAIKH** participated in the **Advanced Cpp** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2022** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Advanced Cpp** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **MOHAMMED MAAZ SHAIKH** participated in the **Android app using Kotlin** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2022** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Android app using Kotlin** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

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

**Prof. Kannan M Moudgalya**  
IIT Bombay





Spoken Tutorial  
Project at  
IIT Bombay

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A comprehensive set of topics pertaining to **Android app using Kotlin** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

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 **MOHAMMED MAAZ SHAIKH** participated in the **Blender** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Blender** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

September 3rd 2021

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **MOHAMMED MAAZ SHAIKH** participated in the **C and Cpp** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** 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. This training is offered by the Spoken Tutorial Project, IIT Bombay.

September 3rd 2021

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

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A comprehensive set of topics pertaining to **Python 3.4.3** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

**Prof. Kannan M Moudgalya**  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

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March 2nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **MOHSIN KOKANI** participated in the **Linux** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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

September 3rd 2021

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 **MUSTAFA PANSARE** participated in the **Advanced Cpp** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2022** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Advanced Cpp** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **NEELAM DANANE** participated in the **Advanced Cpp** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2022** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Advanced Cpp** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

**Prof. Kannan M Moudgalya**  
IIT Bombay





Spoken Tutorial  
Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **NEHA KANADE** participated in the **Java Business Application** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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

September 3rd 2021

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **NEHA DESHMUKH** participated in the **Advanced Cpp** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2022** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Advanced Cpp** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **NEHA DESHMUKH** participated in the **Android app using Kotlin** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2022** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Android app using Kotlin** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **NEHAL WAHURWAGH** participated in the **Advanced Cpp** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2022** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Advanced Cpp** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

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A comprehensive set of topics pertaining to **Android app using Kotlin** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

April 2nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **NEHAL WAHURWAGH** participated in the **Python 3.4.3** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2022** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Python 3.4.3** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

**Prof. Kannan M Moudgalya**  
IIT Bombay



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IIT Bombay

# Certificate of Participation

This is to certify that **NEHA DESHMUKH** participated in the **Python 3.4.3** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2022** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Python 3.4.3** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

**Prof. Kannan M Moudgalya**  
IIT Bombay



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IIT Bombay

# Certificate of Participation

This is to certify that **NIKHILKUMAR TARANGE** participated in the **Java Business Application** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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

September 3rd 2021

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 **NIKITA BHAGAT** participated in the **Android app using Kotlin** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2022** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Android app using Kotlin** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **NIKITA BHAGAT** participated in the **Blender** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Blender** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

September 3rd 2021

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **NIKITA BHAGAT** participated in the **C and Cpp** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** 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. This training is offered by the Spoken Tutorial Project, IIT Bombay.

September 3rd 2021

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **NIKITA BHAGAT** participated in the **Python 3.4.3** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2022** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Python 3.4.3** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay



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Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **OM PASALKAR** participated in the **Android app using Kotlin** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2022** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Android app using Kotlin** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **OM PASALKAR** participated in the **Blender** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Blender** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

September 3rd 2021

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

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A comprehensive set of topics pertaining to **C and Cpp** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

September 3rd 2021

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **OM PASALKAR** participated in the **Python 3.4.3** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2022** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Python 3.4.3** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay





Spoken Tutorial  
Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **ONKAR VAIDYA** participated in the **Linux** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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

September 3rd 2021

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **ONKAR ZAREKAR** participated in the **Android app using Kotlin** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2022** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Android app using Kotlin** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

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 **ONKAR ZAREKAR** participated in the **Blender** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Blender** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

September 3rd 2021

Prof. Kannan M Moudgalya  
IIT Bombay



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# Certificate of Participation

This is to certify that **ONKAR ZAREKAR** participated in the **C and Cpp** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** 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. This training is offered by the Spoken Tutorial Project, IIT Bombay.

September 3rd 2021

Prof. Kannan M Moudgalya  
IIT Bombay



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# Certificate of Participation

This is to certify that **PAYAL SHELAR** participated in the **Java Business Application** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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

September 3rd 2021

Prof. Kannan M Moudgalya  
IIT Bombay



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# Certificate of Participation

This is to certify that **PIYUSH PATIL** participated in the **Java Business Application** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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

September 3rd 2021

Prof. Kannan M Moudgalya  
IIT Bombay



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# Certificate of Participation

This is to certify that **POOJA DHAGE** participated in the **Java Business Application** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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

September 3rd 2021

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IIT Bombay



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# Certificate of Participation

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A comprehensive set of topics pertaining to **Android app using Kotlin** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

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

Prof. Kannan M Moudgalya  
IIT Bombay





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IIT Bombay

# Certificate of Participation

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September 3rd 2021

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September 3rd 2021

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IIT Bombay



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A comprehensive set of topics pertaining to **Python 3.4.3** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay



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# Certificate of Participation

This is to certify that **PRACHI NAGAWADE** participated in the **Java Business Application** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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

September 3rd 2021

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Prof. Kannan M Moudgalya  
IIT Bombay



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A comprehensive set of topics pertaining to **Advanced Cpp** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

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March 2nd 2022

**Prof. Kannan M Moudgalya**  
IIT Bombay



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This is to certify that **PRAJWAL KATKE** participated in the **Java Business Application** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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September 3rd 2021

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IIT Bombay



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IIT Bombay





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April 2nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay



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March 2nd 2022

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A comprehensive set of topics pertaining to **Advanced Cpp** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

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IIT Bombay



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April 2nd 2022

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March 2nd 2022

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IIT Bombay



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A comprehensive set of topics pertaining to **Android app using Kotlin** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

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**Prof. Kannan M Moudgalya**  
IIT Bombay



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This is to certify that **PRATHAMESH PATIL** participated in the **Blender** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Blender** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

September 3rd 2021

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A comprehensive set of topics pertaining to **C and Cpp** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

September 3rd 2021

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IIT Bombay





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# Certificate of Participation

This is to certify that **PRATHAMESH ZORE** participated in the **LaTeX** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **LaTeX** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 5th 2021

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IIT Bombay



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March 2nd 2022

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IIT Bombay



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IIT Bombay

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March 2nd 2022

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IIT Bombay



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March 2nd 2022

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**Prof. Kannan M Moudgalya**  
IIT Bombay



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IIT Bombay

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March 2nd 2022

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**Prof. Kannan M Moudgalya**  
IIT Bombay



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September 3rd 2021

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IIT Bombay



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September 3rd 2021

Prof. Kannan M Moudgalya  
IIT Bombay



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March 2nd 2022

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March 2nd 2022

**Prof. Kannan M Moudgalya**  
IIT Bombay



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Project at  
IIT Bombay

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This is to certify that **PRATIK SHINDE** participated in the **Advanced Cpp** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2022** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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March 2nd 2022

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IIT Bombay



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March 2nd 2022

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IIT Bombay



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March 2nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay



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March 2nd 2022

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Prof. Kannan M Moudgalya  
IIT Bombay



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March 2nd 2022

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IIT Bombay



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September 3rd 2021

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IIT Bombay



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September 3rd 2021

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IIT Bombay





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March 2nd 2022

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IIT Bombay



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March 2nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay



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March 2nd 2022

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March 2nd 2022

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IIT Bombay



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March 2nd 2022

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# Certificate of Participation

This is to certify that **PRINCE GUPTA** participated in the **Java Business Application** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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

September 3rd 2021

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IIT Bombay



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September 3rd 2021

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IIT Bombay



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This is to certify that **RAHUL BOKIL** participated in the **Advanced Cpp** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2022** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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March 2nd 2022

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IIT Bombay



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April 2nd 2022

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IIT Bombay



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March 2nd 2022

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IIT Bombay

# Certificate of Participation

This is to certify that **RAJ PIMPALKAR** participated in the **Advanced Cpp** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2022** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Advanced Cpp** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **RAJ PIMPALKAR** participated in the **Android app using Kotlin** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2022** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Android app using Kotlin** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

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 **RAJ PIMPALKAR** participated in the **Python 3.4.3** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2022** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Python 3.4.3** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay



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# Certificate of Participation

This is to certify that **RAKESH KUMAR** participated in the **Advanced Cpp** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2022** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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March 2nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay



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IIT Bombay

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March 2nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay



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March 2nd 2022

Prof. Kannan M Moudgalya  
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March 2nd 2022

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Prof. Kannan M Moudgalya  
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March 2nd 2022

**Prof. Kannan M Moudgalya**  
IIT Bombay



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IIT Bombay

# Certificate of Participation

This is to certify that **RANVIR PATIL** participated in the **Java Business Application** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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

September 3rd 2021

Prof. Kannan M Moudgalya  
IIT Bombay



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IIT Bombay

# Certificate of Participation

This is to certify that **RISHAB SNAKE** participated in the **LaTeX** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **LaTeX** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 5th 2021

Prof. Kannan M Moudgalya  
IIT Bombay





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# Certificate of Participation

This is to certify that **ROHAN PENDSE** participated in the **Linux** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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

September 3rd 2021

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IIT Bombay



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A comprehensive set of topics pertaining to **Advanced Cpp** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

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IIT Bombay



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This is to certify that **ROHAN KAMBLE** participated in the **Advanced Cpp** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2022** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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March 2nd 2022

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IIT Bombay



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A comprehensive set of topics pertaining to **Android app using Kotlin** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

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March 2nd 2022

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September 3rd 2021

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September 3rd 2021

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March 2nd 2022

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March 2nd 2022

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**Prof. Kannan M Moudgalya**  
IIT Bombay



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March 2nd 2022

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IIT Bombay



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# Certificate of Participation

This is to certify that **RUPALI KHAIRNAR** participated in the **Linux** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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

September 3rd 2021

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IIT Bombay



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# Certificate of Participation

This is to certify that **RUSHIKESH MALLANATH** participated in the **Linux** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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September 3rd 2021

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IIT Bombay



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March 2nd 2022

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Prof. Kannan M Moudgalya  
IIT Bombay



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September 3rd 2021

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September 3rd 2021

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March 2nd 2022

**Prof. Kannan M Moudgalya**  
IIT Bombay



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# Certificate of Participation

This is to certify that **RUTUJA GHULE** participated in the **Java Business Application** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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

September 3rd 2021

Prof. Kannan M Moudgalya  
IIT Bombay





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This is to certify that **RUTURAJ BHOSALE** participated in the **Linux** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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September 3rd 2021

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IIT Bombay



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This is to certify that **RUTVIK SAKPAL** participated in the **Linux** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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September 3rd 2021

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IIT Bombay



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# Certificate of Participation

This is to certify that **SACHIN YADAV** participated in the **Android app using Kotlin** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2022** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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March 2nd 2022

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IIT Bombay



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March 2nd 2022

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IIT Bombay



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September 3rd 2021

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IIT Bombay



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September 3rd 2021

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IIT Bombay



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IIT Bombay



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IIT Bombay

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September 3rd 2021

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IIT Bombay





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September 3rd 2021

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March 2nd 2022

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September 3rd 2021

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IIT Bombay





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# Certificate of Participation

This is to certify that **SAMADHAN DABDE** participated in the **Android app using Kotlin** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2022** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Android app using Kotlin** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **SAMADHAN DABDE** participated in the **Python 3.4.3** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2022** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Python 3.4.3** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **SAMPADA MHETRE** participated in the **Android app using Kotlin** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2022** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Android app using Kotlin** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
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IIT Bombay

# Certificate of Participation

This is to certify that **SAMPADA MHETRE** participated in the **Blender** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Blender** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

September 3rd 2021

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

# Certificate of Participation

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A comprehensive set of topics pertaining to **C and Cpp** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

September 3rd 2021

Prof. Kannan M Moudgalya  
IIT Bombay



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IIT Bombay

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A comprehensive set of topics pertaining to **Python 3.4.3** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay





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Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **SANA TAMBOLI** participated in the **Linux** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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

September 3rd 2021

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **SANDESH BHOSALE** participated in the **Advanced Cpp** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2022** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Advanced Cpp** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay



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IIT Bombay

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A comprehensive set of topics pertaining to **Android app using Kotlin** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

April 2nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay



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IIT Bombay

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March 2nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay



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# Certificate of Participation

This is to certify that **SANJANA GANACHARI** participated in the **Advanced Cpp** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2022** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Advanced Cpp** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

**Prof. Kannan M Moudgalya**  
IIT Bombay



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IIT Bombay

# Certificate of Participation

This is to certify that **SANKET CHOUDHARY** participated in the **Java Business Application** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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

September 3rd 2021

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 **SANKET LOHAR** participated in the **Android app using Kotlin** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2022** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Android app using Kotlin** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

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Prof. Kannan M Moudgalya  
IIT Bombay



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Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **SANKET LOHAR** participated in the **Blender** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Blender** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

September 3rd 2021

Prof. Kannan M Moudgalya  
IIT Bombay





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A comprehensive set of topics pertaining to **C and Cpp** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

September 3rd 2021

Prof. Kannan M Moudgalya  
IIT Bombay



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IIT Bombay

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A comprehensive set of topics pertaining to **Python 3.4.3** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay



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Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **SARTHAK SALGAR** participated in the **Linux** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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

September 3rd 2021

Prof. Kannan M Moudgalya  
IIT Bombay



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IIT Bombay

# Certificate of Participation

This is to certify that **SAURABH JAMBHALE** participated in the **Advanced Cpp** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2022** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Advanced Cpp** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay



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# Certificate of Participation

This is to certify that **SHARAD SABLE** participated in the **Scilab** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Scilab** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

May 27th 2020

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
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IIT Bombay

# Certificate of Participation

This is to certify that **SHASHANK KARNIK** participated in the **Python 3.4.3** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Python 3.4.3** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

August 30th 2021

Prof. Kannan M Moudgalya  
IIT Bombay



Akhil Bharatiya Maratha Shikshan Parishad's  
**Anantrao Pawar College of Engineering & Research, Pune**



Accredited By NAAC, ISO 9001:2015 Certified  
Under Mentorship of College Of Engineering, Pune(COEP)  
Sr. No.103,Shahu College Campus Parvati, Pune

**Department of Information Technology**

In Association with  
**SPOKEN TUTORIAL, IIT BOMBAY**

**L<sup>A</sup>T<sub>E</sub>X**

Organized

**One Week Faculty/Student Development Program on**

**“Latex”**

***Certificate of Participation***

This certificate declares that **Shelar payal navnath** from **IT, APCOER** has successfully completed Online One Week Faculty/Student Development Program on **“Latex”** From 28<sup>th</sup> Feb To 4<sup>th</sup> Mar 2022 in association with **Spoken Tutorial, IIT Bombay** organised by **Department of Information Technology**, **Anantrao Pawar College of Engineering & Research, Pune.**

**Prof.A.N.Kalal**  
FDP/SDP Co-ordinator  
APCOER, PUNE

**Prof. K.S.Jetha**  
HOD, IT  
APCOER, PUNE

**Prof. S.S.Hajare**  
IQAC Cordinator  
APCOER, PUNE

**Dr. S.B.Thakare**  
Principal  
APCOER, PUNE

**Mrs.Pramila B.Gaikwad**  
ABMSP, PUNE

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IIT Bombay

# Certificate of Participation

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March 2nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay





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IIT Bombay

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March 2nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay



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IIT Bombay

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A comprehensive set of topics pertaining to **Android app using Kotlin** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay



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April 2nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
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March 2nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
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March 2nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

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A comprehensive set of topics pertaining to **Android app using Kotlin** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

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

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A comprehensive set of topics pertaining to **Blender** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

September 3rd 2021

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
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IIT Bombay

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September 3rd 2021

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IIT Bombay





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March 2nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay



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IIT Bombay

# Certificate of Participation

This is to certify that **SHREYA ANTAPURKAR** participated in the **Linux** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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

September 3rd 2021

Prof. Kannan M Moudgalya  
IIT Bombay



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IIT Bombay

# Certificate of Participation

This is to certify that **SHREYA ANTAPURKAR** participated in the **Java Business Application** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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

September 3rd 2021

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Prof. Kannan M Moudgalya  
IIT Bombay



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# Certificate of Participation

This is to certify that **SHREYAS KULKARNI** participated in the **Java Business Application** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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September 3rd 2021

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Prof. Kannan M Moudgalya  
IIT Bombay



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IIT Bombay

# Certificate of Participation

This is to certify that **SHRUTI PATIL** participated in the **Java Business Application** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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September 3rd 2021

Prof. Kannan M Moudgalya  
IIT Bombay



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IIT Bombay

# Certificate of Participation

This is to certify that **SHRUTI YADAV** participated in the **Linux** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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

September 3rd 2021

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IIT Bombay



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IIT Bombay

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

September 3rd 2021

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **SHRUTIKA EKBOTE** participated in the **Java Business Application** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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

September 3rd 2021

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

Prof. Kannan M Moudgalya  
IIT Bombay





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IIT Bombay

# Certificate of Participation

This is to certify that **SHUBHAM PAWAR** participated in the **Java Business Application** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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

September 3rd 2021

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
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IIT Bombay

# Certificate of Participation

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A comprehensive set of topics pertaining to **Advanced Cpp** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay



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IIT Bombay

# Certificate of Participation

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March 2nd 2022

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March 2nd 2022

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Prof. Kannan M Moudgalya  
IIT Bombay



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# Certificate of Participation

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September 3rd 2021

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September 3rd 2021

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IIT Bombay



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IIT Bombay

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March 2nd 2022

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IIT Bombay



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March 2nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay





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This is to certify that **SHUHHAM GAMBHIRE** participated in the **Advanced Cpp** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2022** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Advanced Cpp** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay



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Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **SIDDHI PATIL** participated in the **Java Business Application** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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

September 3rd 2021

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IIT Bombay



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# Certificate of Participation

This is to certify that **SIDDHIKA JADHAV** participated in the **Advanced Cpp** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2022** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Advanced Cpp** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

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IIT Bombay



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IIT Bombay

# Certificate of Participation

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A comprehensive set of topics pertaining to **Android app using Kotlin** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

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IIT Bombay



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# Certificate of Participation

This is to certify that **SIDDHIKA JADHAV** participated in the **Python 3.4.3** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2022** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Python 3.4.3** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **SNEHAL GODASE** participated in the **Advanced Cpp** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2022** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Advanced Cpp** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay



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Project at  
IIT Bombay

# Certificate of Participation

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A comprehensive set of topics pertaining to **Android app using Kotlin** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

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

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

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March 2nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay





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Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **SONALI PAGIRE** participated in the **Advanced Cpp** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2022** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Advanced Cpp** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

**Prof. Kannan M Moudgalya**  
IIT Bombay



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IIT Bombay

# Certificate of Participation

This is to certify that **SUFIYAN SAYYED** participated in the **Android app using Kotlin** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2022** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Android app using Kotlin** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay



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IIT Bombay

# Certificate of Participation

This is to certify that **SUFIYAN SAYYED** participated in the **Blender** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Blender** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

September 3rd 2021

Prof. Kannan M Moudgalya  
IIT Bombay



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IIT Bombay

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A comprehensive set of topics pertaining to **C and Cpp** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

September 3rd 2021

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March 2nd 2022

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IIT Bombay



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# Certificate of Participation

This is to certify that **SUGAT INGLE** participated in the **Java Business Application** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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

September 3rd 2021

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IIT Bombay



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# Certificate of Participation

This is to certify that **Suhas Kothavle** participated in the **Java Business Application** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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

September 3rd 2021

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IIT Bombay



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This is to certify that **SUMAIYYA NAIKWADI** participated in the **Android app using Kotlin** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2022** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Android app using Kotlin** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

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Prof. Kannan M Moudgalya  
IIT Bombay





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March 2nd 2022

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IIT Bombay



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IIT Bombay



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# Certificate of Participation

This is to certify that **SUNNY THAKARE** participated in the **Linux** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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

September 3rd 2021

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IIT Bombay



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# Certificate of Participation

This is to certify that **SUSHIL SONAR** participated in the **Advanced Cpp** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2022** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Advanced Cpp** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

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IIT Bombay



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# Certificate of Participation

This is to certify that **SUYOG GAMARE** participated in the **Java Business Application** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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

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IIT Bombay





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# Certificate of Participation

This is to certify that **SWAPNIL SWAMI** participated in the **Java Business Application** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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

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

September 3rd 2021

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IIT Bombay



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March 2nd 2022

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March 2nd 2022

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Prof. Kannan M Moudgalya  
IIT Bombay



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Prof. Kannan M Moudgalya  
IIT Bombay



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IIT Bombay

# Certificate of Participation

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A comprehensive set of topics pertaining to **Blender** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

September 3rd 2021

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IIT Bombay



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September 3rd 2021

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IIT Bombay



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Project at  
IIT Bombay

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March 2nd 2022

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March 2nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay



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Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **TANAVI MORE** participated in the **Java Business Application** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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

September 3rd 2021

Prof. Kannan M Moudgalya  
IIT Bombay



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IIT Bombay

# Certificate of Participation

This is to certify that **TANISHA GALANDE** participated in the **Java Business Application** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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

September 3rd 2021

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Prof. Kannan M Moudgalya  
IIT Bombay



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IIT Bombay

# Certificate of Participation

This is to certify that **TANMAY KHADE** participated in the **Java Business Application** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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September 3rd 2021

Prof. Kannan M Moudgalya  
IIT Bombay



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# Certificate of Participation

This is to certify that **TEJAS KOTHIMBIRE** participated in the **Android app using Kotlin** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2022** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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March 2nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay



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IIT Bombay

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September 3rd 2021

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March 2nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay





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March 2nd 2022

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IIT Bombay



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March 2nd 2022

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March 2nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay



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Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **TUSHAR JADHAV** participated in the **Linux** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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

September 3rd 2021

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Prof. Kannan M Moudgalya  
IIT Bombay



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Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **UMESH VASAVE** participated in the **Advanced Cpp** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2022** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Advanced Cpp** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

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IIT Bombay



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March 2nd 2022

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IIT Bombay



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IIT Bombay

# Certificate of Participation

This is to certify that **VAIDEHI BHUJBAL** participated in the **Java Business Application** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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

September 3rd 2021

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IIT Bombay





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March 2nd 2022

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**Prof. Kannan M Moudgalya**  
IIT Bombay



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IIT Bombay



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IIT Bombay



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IIT Bombay



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IIT Bombay



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# Certificate of Participation

This is to certify that **VANSHIKA KHURPE** participated in the **Java Business Application** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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

September 3rd 2021

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Prof. Kannan M Moudgalya  
IIT Bombay



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Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **VEDANT ADYA** participated in the **Java Business Application** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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IIT Bombay





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IIT Bombay

# Certificate of Participation

This is to certify that **VIDYA PAYGUDE** participated in the **Linux** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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

September 3rd 2021

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **VINODINI GUPTA** participated in the **Java Business Application** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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

September 3rd 2021

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **VINODINI GUPTA** participated in the **Advanced Cpp** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2022** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Advanced Cpp** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **VINODINI GUPTA** participated in the **Android app using Kotlin** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2022** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Android app using Kotlin** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **VINODINI GUPTA** participated in the **Python 3.4.3** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2022** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Python 3.4.3** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **VIREN GAIKWAD** participated in the **Linux** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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

September 3rd 2021

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **VIRENDRA MULE** participated in the **Linux** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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

September 3rd 2021

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **VISHNU RATHOD** participated in the **Java Business Application** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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

September 3rd 2021

Prof. Kannan M Moudgalya  
IIT Bombay





Spoken Tutorial  
Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **VISHWAJEET GAIKWAD** participated in the **Advanced Cpp** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2022** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Advanced Cpp** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay



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IIT Bombay

# Certificate of Participation

This is to certify that **VISHWAMITRA PARTOLE** participated in the **Linux** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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

September 3rd 2021

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

## Certificate for Completion of Linux Training

This is to certify that **VISHWAMITRA PARTOLE** has successfully completed **Linux** test organized at **Anantrao Pawar College Of Engineering & Research** by **Ashokkumar Kalal** with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training.

**Snehal Veer through Google Meet** from **Anantrao Pawar College Of Engineering & Research** invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

December 14th 2021

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 **VISHWAMITRA PARTOLE** participated in the **Java Business Application** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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

September 3rd 2021

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 **YADNESH JOSHI** participated in the **Advanced Cpp** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2022** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Advanced Cpp** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **YADNESH JOSHI** participated in the **Android app using Kotlin** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2022** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Android app using Kotlin** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **YADNESH PRASHANT JOSHI** participated in the **Android app using Kotlin** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2022** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Android app using Kotlin** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

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 **YADNESH PRASHANT JOSHI** participated in the **Blender** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Blender** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

September 3rd 2021

Prof. Kannan M Moudgalya  
IIT Bombay





Spoken Tutorial  
Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **YADNESH PRASHANT JOSHI** participated in the **C and Cpp** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** 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. This training is offered by the Spoken Tutorial Project, IIT Bombay.

September 3rd 2021

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **YADNESH PRASHANT JOSHI** participated in the **Python 3.4.3** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2022** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Python 3.4.3** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay



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Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **YADNESH JOSHI** participated in the **Python 3.4.3** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2022** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Python 3.4.3** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **YASH PAWAR** participated in the **Java Business Application** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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

September 3rd 2021

Prof. Kannan M Moudgalya  
IIT Bombay



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Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **YOGESH MORE** participated in the **Linux** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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

September 3rd 2021

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **YOGESH MORE** participated in the **Java Business Application** training organized at **Anantrao Pawar College Of Engineering & Research** in **July 2021** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

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

September 3rd 2021

Prof. Kannan M Moudgalya  
IIT Bombay



Spoken Tutorial  
Project at  
IIT Bombay

# Certificate of Participation

This is to certify that **YOGESH MADKE** participated in the **Advanced Cpp** training organized at **Anantrao Pawar College Of Engineering & Research** in **January 2022** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Advanced Cpp** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay.

March 2nd 2022

**Prof. Kannan M Moudgalya**  
IIT Bombay