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### **IIT-B Spoken Tutorial Project Report, for Academic Year 2022-23 (Odd semester)**

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To continue imparting high-quality, holistic learning to a larger number of students, MVJ College of Engineering has renewed its MOU with IIT-Bombay, for the Spoken Tutorial project in various courses. After completion of the courses for the academic year 2022-23 (Odd semester), the Department of Information Science and Engineering, in association with IIT-Bombay, conducted Certification exams from 15<sup>th</sup> December 2022 to 7<sup>th</sup> February 2023.

During this 2022-23 Odd semester, Spoken Tutorial courses were conducted on C/CPP, Java, Python, Arduino, Latex, Scilab, Advanced Cpp, Html, Esim, Inkscape, Open Foam, Qcad, Php and Mysql, Android app using Kotlin. Given below are the details of the Online Certification exams that were conducted:

#### **Department: Electronics and Communication Engineering**

1. Workshop on Android app, using Kotlin  
Test conducted on: 15.12.2022  
No. of students who appeared: 88  
No. of students who cleared: 88
2. Workshop on PHP and MySQL  
Test conducted on: 15.12.2022  
No. of students who appeared: 2  
No. of students who cleared: 1

#### **Department: Aeronautical Engineering**

3. Workshop on OpenFOAM Version 7  
Test conducted on: 15.12.2022  
No. of students who appeared: 40  
No. of students who cleared: 38

4. Workshop on Python 3.4.3  
Test conducted on: 15.02.2023  
No. of students who appeared: 30  
No. of students who cleared: 30
  
5. Workshop on DWSIM  
Test conducted on: 15.12.2022  
No. of students who appeared: 7  
No. of students who cleared: 4

**Department: Aerospace Engineering**

6. Workshop on Android app, using Kotlin  
Test conducted on: 15.12.2022  
No. of students who appeared: 13  
No. of students who cleared: 13
  
7. Workshop on Python 3.4.3  
Test conducted on: 15.02.2023  
No. of students who appeared: 21  
No. of students who cleared: 21

**Department: Information Science and Engineering**

8. Workshop on C  
Test conducted on: 07.02.2023  
No. of students who appeared: 40  
No. of students who cleared: 40
  
9. Workshop on Java  
Test conducted on: 26.12.2022  
No. of students who appeared: 61  
No. of students who cleared: 61
  
10. Workshop on HTML  
Test conducted on: 22.12.2022  
No. of students who appeared: 56  
No. of students who cleared: 54
  
11. Workshop on R  
Test conducted on: 15.12.2022  
No. of students who appeared: 55  
No. of students who cleared: 47

**Department: Computer Science and Engineering**

12. Workshop on C

Test conducted on: 07.02.2023

No. of students who appeared: 40

No. of students who cleared: 40

13. Workshop on HTML

Test conducted on: 26.12.2022

No. of students who appeared: 76

No. of students who cleared: 76

14. Workshop on Python 3.4.3

Test conducted on: 15.12.2022

No. of students who appeared: 51

No. of students who cleared: 51

**Department: Chemical Engineering**

15. Workshop on Python 3.4.3

Test conducted on: 15.12.2022

No. of students who appeared: 2

No. of students who cleared: 1

16. Workshop on DWSIM

Test conducted on: 15.12.2022

No. of students who appeared: 11

No. of students who cleared: 9

17. Workshop on QCad

Test conducted on: 15.12.2022

No. of students who appeared: 9

No. of students who cleared: 9

**Department: Civil Engineering**

18. Workshop on Inkscape

Test conducted on: 12.01.2023

No. of students who appeared: 13

No. of students who cleared: 13

19. Workshop on GIMP

Test conducted on: 12.01.2023

No. of students who appeared: 4

No. of students who cleared: 4

**Department: Mechanical Engineering**

20. Workshop on OpenFOAM Version 7

Test conducted on: 28.12.2022

No. of students who appeared: 13

No. of students who cleared: 13

21. Workshop on Python 3.4.3

Test conducted on: 28.12.2022

No. of students who appeared: 5

No. of students who cleared: 1

**Department: Electrical and Electronics Engineering**

22. Workshop on LaTeX

Test conducted on: 12.01.2023

No. of students who appeared: 79

No. of students who cleared: 79

23. Workshop on GIMP

Test conducted on: 14.07.2022

No. of students who appeared: 4

No. of students who cleared: 4

**Outcome:**

**Total number of students who appeared: 720**

**Total number of students who cleared the tests: 697**

The IIT-B Spoken Tutorial project provides a platform for students to learn various Free and Open-Source Software, by themselves. These End-of-Course online tests and certificates give an edge to students, for increasing their employment potential during placements.