



# ACADEMIC INITIATIVES

# **NPTEL Achievements of A.Y. 2021-22**



National Programme on Technology Enhanced Learning (NPTEL) is an initiative by seven Indian Institutes of Technology (IIT Bombay, Delhi, Guwahati, Kanpur, Kharagpur, Madras and Roorkee) and Indian Institute of Science for creating course contents in engineering. Students and faculty undergo courses designed by IITians and obtain certification in various domains of engineering. APSIT recognized as an ACTIVE Local Chapter for both the sessions of AY 2021-22. APSIT reimburses the full NPTEL Certification Exam fees to faculties & Students who have completed NPTEL Certification Successfully.



Massive Open Online Courses (MOOC) is essentially an asynchronous platform and process for teaching through pre-recorded lectures, resource video materials, lecture notes, assignments and quizzes, which are usually online and provide self-assessment at regular intervals during learning. The enrollment and learning from these courses involves no cost. Following these online courses, an in-person, proctored certification exam will be conducted and a certificate is provided through the participating institutions and industry, when applicable. This has helped a lot in taking the subject knowledge to a next level.

-Ekta Gujar, TE-IT



# NPTEL Achievements

## Student Achievements 2021-22

### Jainam Chopra

#### Course

Fundamentals Artificial  
Intelligence

#### Outcomes/Score

Elite+Silver/75




### Ekta Gujar

#### Course

Design and analysis of algorithms

#### Outcomes/Score

Elite/62



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to  
**JAINAM CHOPRA**  
 for successfully completing the course


**Fundamentals of Artificial Intelligence**

with a consolidated score of **75** %


|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 21.03/25 | Proctored Exam | 54/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **576**


Jul-Oct 2021  
(12 week course)



Indian Institute of Technology Guwahati



**Prof. Hemant B Kaushik**  
 Head, Center for Educational Technology  
 NPTEL Coordinator, IIT Guwahati



FREE ONLINE EDUCATION  
**swayam**  
समृद्धि का काल, ज्ञान का काल

Roll No: NPTEL21GE20S14020631

To validate and check scores: <https://npTEL.ac.in/noc>

# NPTEL Achievements

## Faculty Achievements I Half of AY 2021-22

### Accreditation and Outcome based Learning-Online

#### Faculty Name

#### Outcomes / Score

Prof. Apeksha Mohite

Elite/ 60

Prof. Anagha Aher

Elite/ 66

Ms. Shweta Mahajan

Elite/ 60

Prof. Vishal Badgujar

Elite/ 61

Prof. Sonal Jain

Elite/ 67

Prof. Vidya Shet

Elite/ 66



**Elite**

**NPTEL Online Certification**

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SHWETA MAHAJAN**  
 for successfully completing the course

**Accreditation and Outcome Based Learning**

with a consolidated score of **60** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 20.75/25 | Proctored Exam | 38.75/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **672**



Prof. G P Raja Sekhar  
Dean, Continuing Education  
IIT Kharagpur

Jul-Sep 2021  
(8 week course)



Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



swayam

Roll No: NPTEL21GE22S23941845

To validate and check scores: <https://npTEL.ac.in/noc>

# NPTEL Achievements

## Faculty Achievements II Half of AY 2021-22

### Prof. Apeksha Mohite

#### Course

Ethical Hacking

#### Outcomes / Score

Elite/60

### Prof. Rajashri Chaudhari

#### Course

Compiler Design

#### Outcomes / Score

Elite/72

### Prof. Jayshree Jha

#### Course

Machine Learning, ML

#### Outcomes / Score

Elite/70

### Prof. Sonal Balpande

#### Course

Blockchain and its  
Applications

#### Outcomes / Score

Successfully completed/51



# IIT Bombay Spoken Tutorial



APSIT is a recognized Super Resource Center of IIT Bombay for Spoken Tutorial program under the MHRD, Govt. of India. Spoken Tutorial is a Training and certification program for all types of open-source programming languages, tools, and technologies for all branches of engineering.

## Course completion statistics A.Y. 2021-22

| Year of study | Course        | Course Completion Statistics |
|---------------|---------------|------------------------------|
| SE IT         | Linux         | 104                          |
|               | Java          | 86                           |
| TE IT         | Python        | 58                           |
|               | Drupal        | 46                           |
| BE IT         | R Programming | 52                           |
|               | Latex         | 45                           |



# IIT Bombay Spoken Tutorial

## Java



Java

Toppers:

|                       |       |
|-----------------------|-------|
| 1. HITESH SACHDEV     | 85.0% |
| 2. CHIRAG PADYAL      | 82.5% |
| 3. YASHAB MAHIMI      | 77.5% |
| 4. DEVANSHU MAHAPATRA | 75.0% |
| 5. ARYAN SANKHOLKAR   | 72.5% |

No. of students completed Certifications: 86



# IIIT Bombay Spoken Tutorial

## Python



Toppers:

|                     |       |
|---------------------|-------|
| 1. KUSHAL TODI      | 95%   |
| 2. SHRIDHAR JOSHI   | 80%   |
| 3. NIRANJAN RAM     | 75%   |
| 4. SIDDHESH PURANIK | 74%   |
| 5. RUCHITA RAUT     | 71.4% |

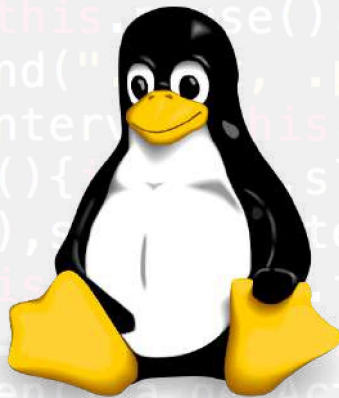
No. of students completed Certifications: 58





# IIT Bombay Spoken Tutorial

## Linux



### Toppers:

|                         |       |
|-------------------------|-------|
| 1. DEVANSHU MAHAPATRA   | 86.6% |
| 2. SUBHASHISH MAHAPATRA | 86.7% |
| 3. JEMIN BHANUSHALI     | 83.3% |
| 4. AVINASH ANDHALE      | 83.3% |
| 5. VINAYAK SOMVANSHI    | 82.3% |

No. of students completed Certifications: 104



# IIT Bombay Spoken Tutorial

LaTeX

# LATEX

## Toppers:

|                  |       |
|------------------|-------|
| 1. SUMEET SWAIN  | 86.6% |
| 2. JASH SETH     | 78.3% |
| 3. NIKHIL RATHOD | 75.6% |
| 4. KUNAL SANT    | 75.6% |
| 5. AKSHATA GAWAS | 74.4% |

No. of students completed Certifications: 45



# IIT Bombay Spoken Tutorial

## Drupal



## Toppers:

|                       |       |
|-----------------------|-------|
| 1. SHUBHANGI TRIPATHI | 71.9% |
| 2. ANVIT MIRJURKAR    | 68.8% |
| 3. KUSHAL TODI        | 68.8% |
| 4. EKTA GUJAR         | 62.5% |
| 5. ATHARV JOSHI       | 59.4% |

No. of students completed Certifications: 46





# IIT Bombay Spoken Tutorial

## R Programming



### Toppers:

|                  |       |
|------------------|-------|
| 1. CHIRAG JAIN   | 85.0% |
| 2. SAMYAK DOSHI  | 82.5% |
| 3. JAINAM CHOPRA | 77.5% |
| 4. JASH SETH     | 75.0% |
| 5. RAJAN KHADE   | 72.5% |

No. of students completed Certifications: 52

# APTITUDE TRAINING

## Training Program



Our college not only believes in quantity but also in quality of education that should be delivered in all best possible ways to their students which will be beneficial in their upcoming carrier. To do so our college has also started aptitude training sessions right from third year itself.

Also to maintain consistency of this activity our college took an initiative of conducting online tests for aptitude session on a regular basis for at least once in a week. By doing so our college ensures that they never fail to prove that they never let their students down in any field and help their students in all possible ways so that they can reach certain height in their life.



"Aptitude coaching conducted in the college showcases the student-centered nature of APSIT. The Aptitude training sessions have put the students in a better position to face the campus recruitment drives while the Gate coaching has enabled them to polish their knowledge of subjects and widen their conceptual understanding."

-Siddhesh Gaikwad, BE-IT



# APTITUDE TRAINING

## Training Program

| Sr. No. | Academic Year | Semester | Mode of Conduction | Student Count | No. of Days |
|---------|---------------|----------|--------------------|---------------|-------------|
| 1       | 2021-2022     | VII      | Online             | 61            | 13          |
| 2       | 2021-2022     | VI       | Online             | 61            | 5           |