SWAYAM - NPTEL AWARENESS PROGRAMME

Biswajit Chowdhury
Assistant Professor of Physics
SPOC of Local Chapter - 910
Gokhale Memorial Girls' College
Kolkata - 700 020

SWAYAM - NPTEL

What is NPTEL?

National Programme on Technology Enhanced Learning (NPTEL) is a project of MHRD initiated by 7 Indian Institutes of Technology (Bombay, Delhi, Kanpur, Kharagpur, Madras, Guwahati and Roorkee) along with the Indian Institute of Science(IISc), Bangalore in 2003, to provide quality education to anyone interested in learning from the IITs. The main goal was to create web and video courses in all major branches of engineering and physical sciences at the undergraduate and postgraduate levels and management courses at the postgraduate level.

Some Highlights

Largest online repository in the world of courses in engineering, basic sciences and selected humanities and management subjects

YouTube channel for NPTEL – most subscribed educational channel, 1.3 billion views and 40+ lakhs subscribers

More than 70000 hours of video content, transcribed and subtitled

Most accessed library of peer-reviewed educational content in the world

Translation of more than 12000 hrs of English transcripts in regional Indian languages

SWAYAM –NPTEL

(STUDY WEBS OF ACTIVE LEARNING FOR YOUNG ASPRING MINDS)

SWAYAM is a programme initiated by Government of India and designed to achieve the three cardinal principles of Education Policy viz., access, equity and quality. The objective is to take the best teaching learning resources to all. SWAYAM seeks to bridge the digital divide for students who have hitherto remained untouched by the digital revolution and have not been able to join the mainstream of the knowledge economy.

IIT BOMBAY IIT DELHI IIT GUWAHATI IIT KANPUR IIT KHARAGPUR IIT MADRAS IIT ROORKEE IISc BANGALORE

NPTEL
INITIATIVES
Learn with us without limits
A New Education for a Changing World

CREDIT TRANSFER

MOU WITH AICTE FOR NPTEL COURSE AS FDP

SUPPORT FOR SPOCS

GATE EXAMS

NPTEL+

INTERNSHIP FOR TOPPERS

INDUSTRY ASSOCIATES

SOFT SKILL TRAININGS

CSR

TRANSLATION

NPTEL SOCIAL MEDIA

LAB WORKSHOPS

NPTEL Online Certification Courses

Since 2013, through an online portal, 4-, 8-, or 12-week online courses, typically on topics relevant to students in all years of higher education along with basic core courses in sciences and humanities with exposure to relevant tools and technologies, are being offered. The enrolment to and learning from these courses involves no cost. An in-person, proctored certification exam (optional) will be conducted at Rs. 1000/- per course and a certificate is provided through the participating institutions and industry, when applicable.

Why should you do NPTEL online certification courses?

- Learn directly from top faculty across India, strengthening subject fundamentals.
- Explore new topics beyond the regular college curriculum.
- Useful for faculty career development.
- Interact with a diverse peer group from across India and abroad, helping students gauge their level.
- Builds self-learning habits and keeps learners updated through independent study.
- Certificates carry the prestige of the offering institute, helping in job applications.
- Companies can recruit skilled candidates from this certified pool.

EMPLOYABILITY

Completing Swayam NPTEL courses significantly boosts employability by adding valuable, IIT-backed skills to your resume, showing self-learning initiative, and preparing you for specialized roles (like Data Scientist, Business Analyst) or higher studies (GATE, M.Tech), with top performers often getting direct interviews/internships.

Key Benefits for Employability:

Resume Enhancement: NPTEL certificates from IITs/IISc add credibility and show a strong grasp of specific subjects, making you stand out.

Skill Validation: They prove proficiency in niche areas (e.g., Analytics, AI, Cloud Computing) beyond regular curriculum, meeting industry demands.

Career Advancement: Opens doors to better job roles, promotions, and higher salaries by acquiring in-demand skills.

Higher Education: Strengthens applications for M.Tech, PhD, or competitive exams (GATE, UGC NET).

Industry Recognition: Partners with companies like Texas Instruments (TI) to offer internships/jobs to top scorers, creating direct pathways.

SPOC – Single Point of Contact

SWAYAM - NPTEL LOCAL CHAPTER

Home | About us | SPOC Login | Announcement Forum | Reference | NPTEL Content | SPOC Feedback | Contact Us

MR. BISWAJIT CHOWDHURY

GOKHALE MEMORIAL GIRLS COLLEGE

SPOC Timeline

Letter to Vice Chancellor

SPoC Conference Support Request

Manage College and SPOC Profile

College Profile | SPOC Profile | Req Letter | Ack Letter

SPOC Profile

SPOC Name

MR. BISWAJIT CHOWDHURY

SPOC Email

biswajit.mail@gmail.com

SPOC Designation

ASSISTANT PROFESSOR

SPOC Department

PHYSICS

SPOC Mobile Number

9433379228

CERTIFICATE CRITERIA

- You must register and appear for the final proctored exam.
- Your certificate score is calculated as:
  Final Score = 25% Assignment Marks + 75% Final Exam Marks
- To pass, you usually need:
  Final Exam Score ≥ 30/75
  Final Overall Score ≥ 40/100
- You must submit weekly assignments; your best 8/12 or best 6/8 (depending on course length) are counted.
- Only learners who pass both assignment + exam., receive an e-certificate with institute logo (IIT/IISc).

Types of NPTEL Certificates

1. Topper Certificate

Given to learners who rank among the top 1% or top 5% (varies by course).

2. Elite + Gold Certificate

Awarded for ≥ 90% score.

3. Elite + Silver Certificate

Given when the learner scores ≥ 75%.

4. Elite Certificate

Awarded when the final score is ≥ 60%.

5. Successfully Completed Certificate

Given when the learner meets the minimum passing criteria (assignment + exam score).

DISCIPLINES

COURSES/ DISCIPLINE COURSES		
Aerospace Engineering	Civil Engineering	Management
Agriculture	Computer Science and Engineering	Mathematics
Architecture and Planing	Electrical Engineering	Mechanical Engineering
Atmospheric Science	Electronics & Communication Engineering	Metallurgy and Material Science
Basic courses (Sem 1 and 2)	Engineering Design	Mining Engineering
Biotechnology	Environmental Science	Nanotechnology
Chemical Engineering	General	Ocean Engineering
Chemistry and Biochemistry	Humanities and Social Sciences	Physics

ARTS AND SCIENCE DISCIPLINES

ARTS AND SCIENCE COURSES	
Mathematics	Management
Physics	Biotechnology
Chemical Engineering	Electronics & Communication Engineering
Chemistry and Biochemistry	Environmental Science
Computer Science	Humanities and Social Sciences
Computer Science and Engineering	General

How to Register for NPTEL Courses

1. Visit the portal: Go to the SWAYAM website (where all NPTEL courses are hosted).

2. Sign in / Create an account: Use your email ID, or sign in with Google / Microsoft. And Fill in basic details if creating a new account.

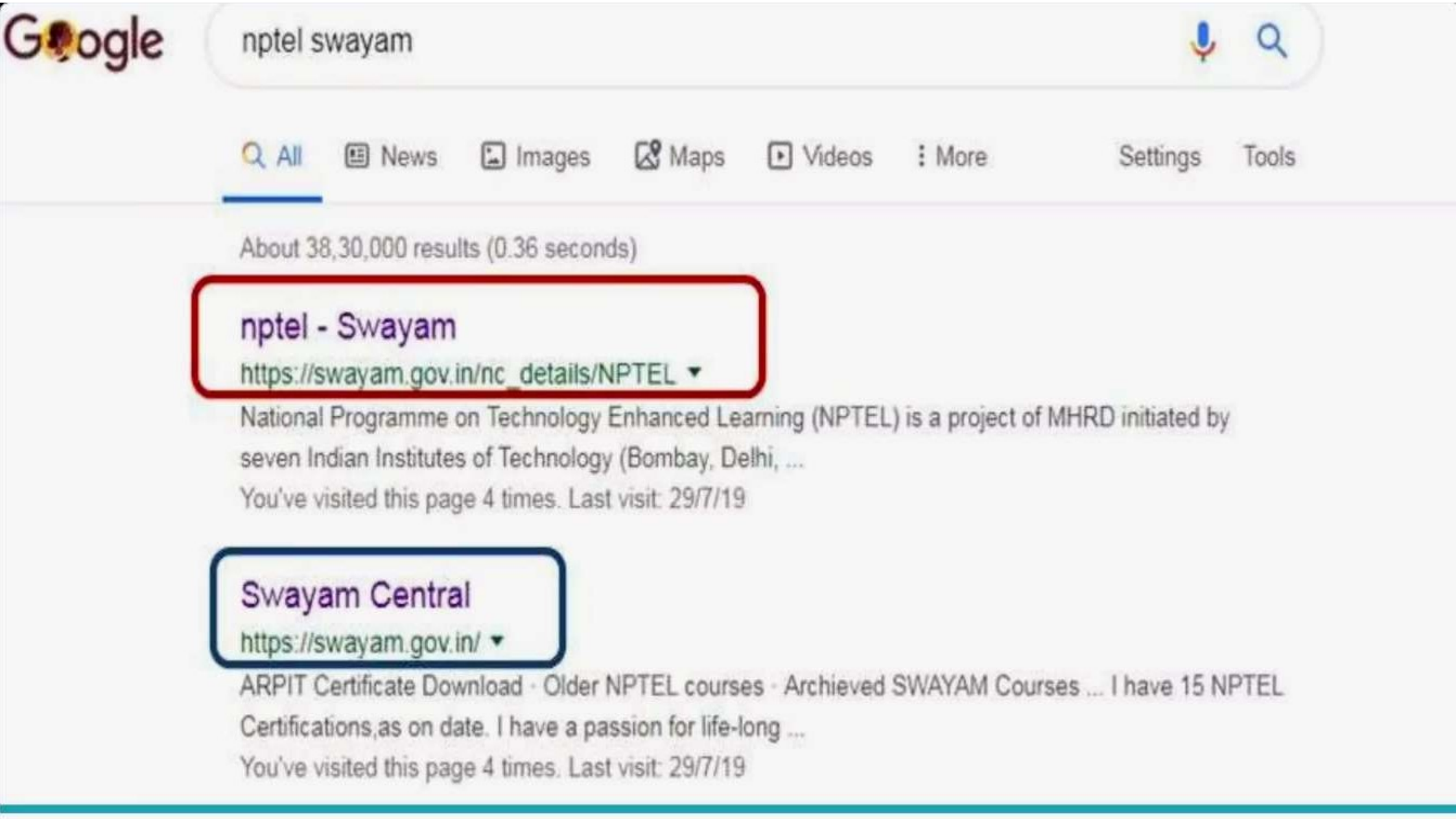
3. Search for your course: Type the course name or browse through categories like Engineering, Science, Humanities, Management, etc.

4. Select the course: Open the course page and check details:
   Start & end dates, Exam date, Syllabus and Instructors

5. Click “Join” or “Enroll”: Press the Enroll button to join the course.

6. For certification: Register separately for the final exam when the registration opens.
   Pay the exam fee (usually around ₹1000 per course).

7. Confirmation email: You will receive a confirmation email.


Google
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All
News
Images
Maps
Videos
More
Settings
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About 38,30,000 results (0.36 seconds)
nptel - Swayam
https://swayam.gov.in/nc_details/NPTEL
National Programme on Technology Enhanced Learning (NPTEL) is a project of MHRD initiated by seven Indian Institutes of Technology (Bombay, Delhi, ...
You've visited this page 4 times. Last visit: 29/7/19
Swayam Central
https://swayam.gov.in/
ARPIT Certificate Download · Older NPTEL courses · Archieved SWAYAM Courses ... I have 15 NPTEL Certifications,as on date. I have a passion for life-long ...
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onlinecourses.nptel.ac.in

swayam

About Swayam | All Courses | SIGN-IN / REGISTER

Welcome to Swayam-NPTEL

Enhance skills that meet your need online

NPTEL Online Certification Courses

NPTEL is a project of MHRD initiated by 7 IITs along with the IISc, Bangalore in 2003, to provide quality education to anyone interested in learning from the IITs.

Jan - April 2026 : | FINAL COURSE LIST | TIMELINES

ENROLLMENTS ARE OPEN FOR JAN 2026!

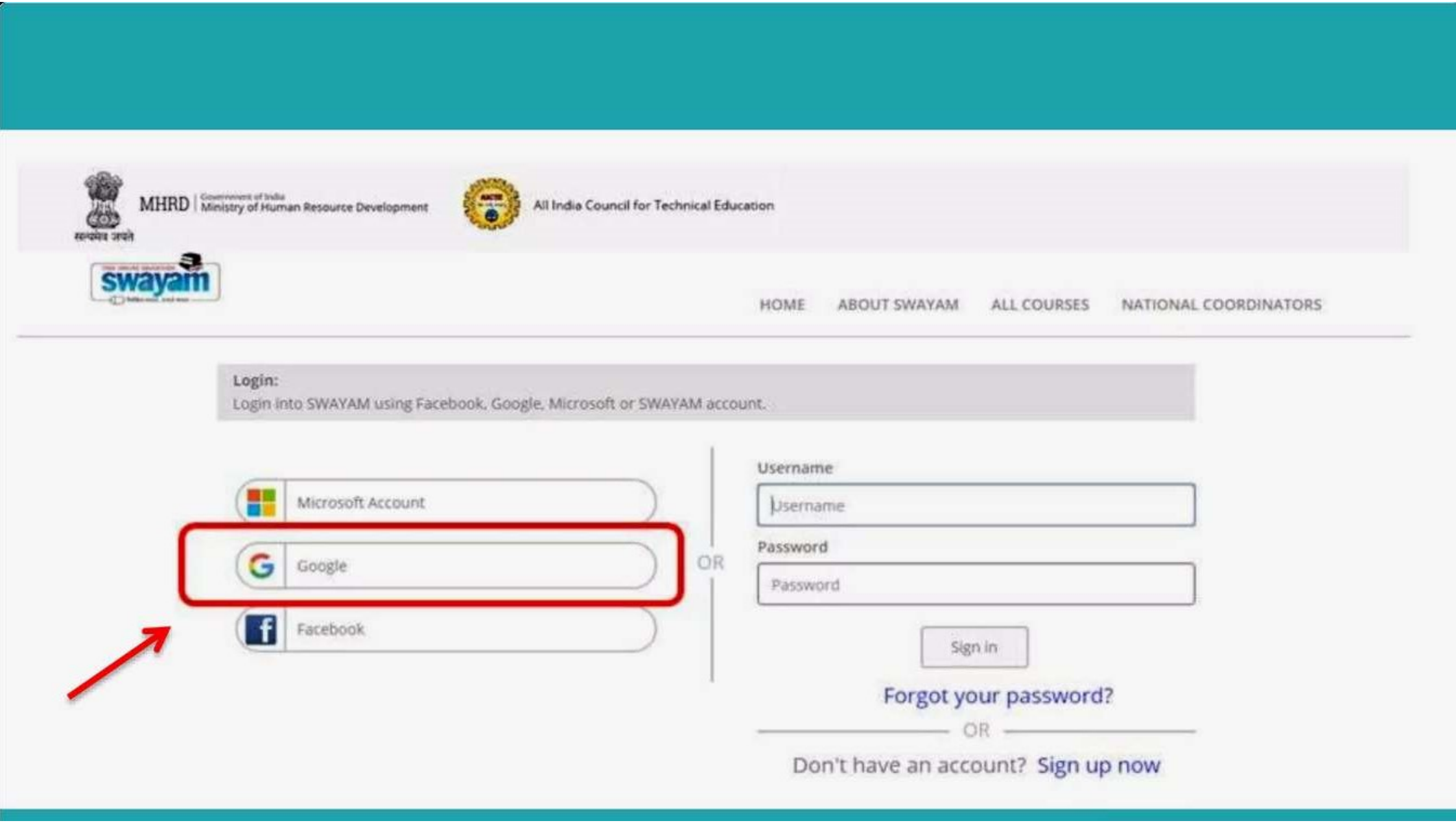
Explore Courses

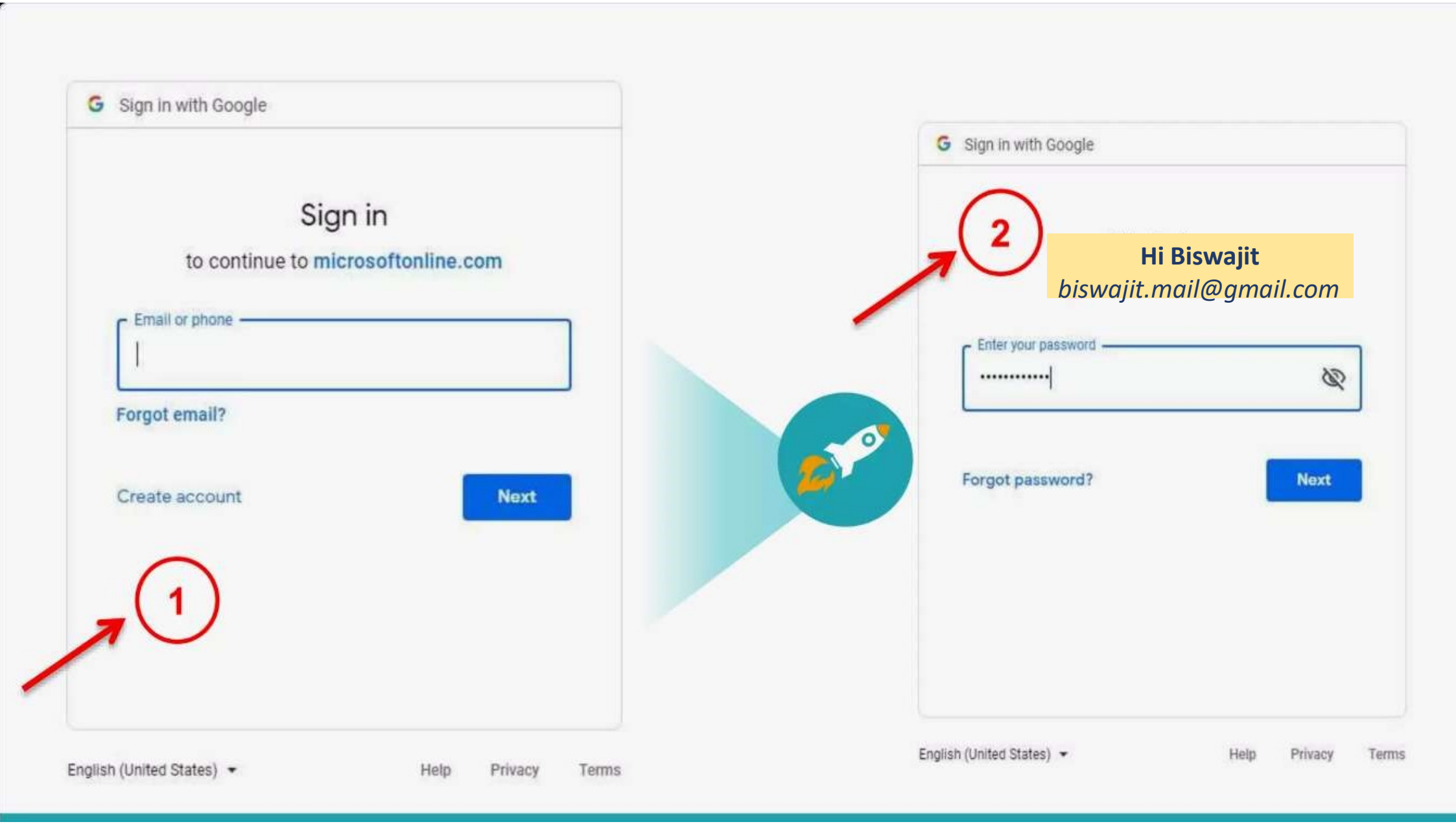
Search: Course Name/ Instructor

Category: All

Duration: All

Status: Upcoming (Enrollment Open)


MHRD | Government of India Ministry of Human Resource Development
All India Council for Technical Education
swayam
HOME
ABOUT SWAYAM
ALL COURSES
NATIONAL COORDINATORS
Login:
Login into SWAYAM using Facebook, Google, Microsoft or SWAYAM account.
Microsoft Account
Google
Facebook
OR
Username
Username
Password
Password
Sign in
Forgot your password?
OR
Don't have an account? Sign up now


Sign in with Google
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Email or phone
Forgot email?
Create account
Next
1
English (United States)
Help
Privacy
Terms
Sign in with Google
2
Hi Biswajit
biswajit.mail@gmail.com
Enter your password
Forgot password?
Next
English (United States)
Help
Privacy
Terms

Course Catalog

Search

biswajit.mail@gmail.com

FILTERS

National Coordinator
All

Course Duration
All

Course Exam Date
All

Course Credits
All

Upcoming (Enrollment Open) | Ongoing (Enrollment Closed)

Basics of Digital Marketing

Dr. Lalit Engle

Devi Ahilya Vishwavidyalaya, Indore

CEC

12 Weeks (Starts: 08-08-2019)

Brand Management

Preeti Krishnan Lyndem

Indian Institute Of Management Bangalore

IIMB

6 Weeks (Starts: 15-07-2019)

Exam Date: 9 Nov, 2019

Business Analytics & Data Mining Modeling Using R...

Prof.Gaurav Dixit

IIT Roorkee

NPTEL

4 Weeks (Starts: 29-07-2019)

Exam Date: 29 Sept, 2019

An initiative by Ministry of Education (Govt. of India)

swayam

About Swayam | All Courses | National Coordinator | Local Chapters | FAQ | Swayam Plus | biswajitchowdhury...

Course Catalog

computers computer's compute

computer

Sorted by: Course Title

- **Advance Computer Networks** — Dr. V Shanmuganeethi
- **Advance Computer Networks** — Dr. V Shanmuganeethi
- **Advanced Computer Architecture** — Prof. Smruti Ranjan Sarangi
- **Advanced Computer Networks** — Prof. Neminath Hubballi, Prof. Sameer G Kulkarni
- **Augmenting Design Thinking with Human-C...** — Prof. Sonal Atreya
- **BCOS-183: Computer Application in Business** — Prof. Subodh Kesharwani
- **BCOS-183: Computer Application in Business** — Prof. Subodh Kesharwani
- **Business Oriented Computer Application** — Dr. Anita Walia
- **Business Oriented Computer Application** — Dr. Anita Walia

ng (Enrollment Open) | Ongoing (Enrollment Closed)

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chnical

01-2026)

Feb, 2026

3D Modelling and Rendering for Virtual...

Dr. B. Yogameena

NATIONAL INSTITUTE OF TECHNICAL TEACHERS TRAINING AND...

NITTTR

12 Weeks (Starts: 26-01-2026)

Enrollment Ends: 28 Feb, 2026

3D Printing and Design for Educators

Dr. Sharad K. Pradhan

National Institute of Technical Teachers Training and...

NITTTR

8 Weeks (Starts: 26-01-2026)

Enrollment Ends: 28 Feb, 2026

MY PROFILE

Account Info >

Update Profile

Personal Details

Name * Mr. Biswajit Chowdhury

Mobile Number * +91 94333 79228

Email * biswajitchowdhury.phy@gokhalecollegekolkata.edu.in

Date of Birth * dd-mm-yyyy

Gender * -- Select Gender --

Country residing in currently * India

Pincode*

Please enter the correct pincode

State * West_Bengal

City/District *

Profession * Student

Highest Qualification 3 Year - Bachelor's degree

Highest Qualification Pursuing/Pursued * : 3 Year - Bachelor's degree

Year of Graduation * :

Academic Bank of Credits (APAAR/ABC ID) * : I have APAAR/ABC ID

Please enter valid name, date of birth and gender as per APAAR.

For more details Click here

Enter APAAR/ABC ID * : Enter 12 digit APAAR/ABC ID number

Education Details

Part of a SWAYAM local chapter? * : Yes

If you are a student/faculty in a college, go to here and check if your college is an SWAYAM Local Chapter

Local Chapter State * : West Bengal

College Name * : Gokhale Memorial Girls' College

Tip: Start typing your City or College name for automatic filtering

Local Chapter State * West Bengal

College Name *
Tip: Start typing your City or College name for automatic filtering
Gokhale Memorial Girls' College

University Name *
Tip: Start typing your University name for automatic filtering
University of Calcutta

College/School Roll No. * College Roll Number

Degree * B.A. / B.Sc.

Department * Major Subject

Study Year * 1st yr / 2nd yr / 3rd yr /4th yr

- [x] I agree to SWAYAM Terms of Service.
- [x] I agree to follow the Honor Code.

We've updated our form, please ensure all the required fields have been filled properly to activate the "Update Profile" button.

UPDATE PROFILE CANCEL

The ABC ID (Academic Bank of Credits ID), also known as the APAAR ID, is your unique digital identity for storing and transferring online course credits (like SWAYAM/NPTEL) to your parent institution for degree requirements, created via the ABC portal by registering with Aadhaar, linking with DigiLocker, and providing details; for NPTEL/SWAYAM, you submit this ID on the SWAYAM/NPTEL portal when enrolling or after passing to get credits uploaded automatically.

APAAR ID stands for Automated Permanent Academic Account Registry, a unique, lifelong digital ID for Indian students under the National Education Policy (NEP 2020)

How to Get Your ABC/APAAR ID:

- Go to the Official Portal: Visit abc.gov.in or use the DigiLocker app/website.
- Sign Up/Register: Sign up as a student using your Aadhaar details.
- Link DigiLocker: Sign in using your DigiLocker credentials (if not already linked).
- Create ABC ID: Follow prompts to create your ID, which is a unique 12-digit number.

Final Course List (Jan - Apr 2026) : Overall

Click here to download the sheet

TIMELINE	4 Weeks (SET 1)	8 Weeks (SET 1)	12 Weeks	4 Weeks (SET 2)	8 Weeks (SET 2)
Start of Course	January 19, 2026	January 19, 2026	January 19, 2026	February 16, 2026	February 16, 2026
End of Course	February 13, 2026	March 13, 2026	April 10, 2026	March 13, 2026	April 10, 2026
Exam Dates	Mar 28/29, 2026 2 Sessions on each date (9am-12 noon; 2pm-5pm)		Apr 17/18/19/24/25/26, 2026 2 Sessions on each date (9am-12 noon; 2pm-5pm)		
Possible additional exam dates (These dates cannot be choosen by the candidates and this will be decided by NPTEL as per the availability)	Mar 27, 2026 2 Sessions on each date (9am-12 noon; 2pm-5pm)		April 20/27, 2026 2 Sessions on each date (9am-12 noon; 2pm-5pm)		
Open enrollment to the Course	Nov 17, 2025				
Close enrollment to the Course	Jan 26 2026 - 5pm			Feb 16 2026 - 5pm	
Open exam registration form	Dec 13, 2025 - 10am				
Close exam registration form	Feb 9, 2026 5pm /Feb 13, 2026 5pm			Feb 23, 2026 5pm /Feb 27, 2026 5pm	

S NO	Course ID	Discipline	Course Name	SME Name	Institute
1	noc26-ae01	Aerospace Engineering	Air Transportation: An Overview	Prof. Rajkumar Sureshchandra Pant	IIT Bombay
2	noc26-ae02	Aerospace Engineering Mechanical Engineering	Computational Gas Dynamics	Prof. Rajesh Ranjan Prof. Niranjan Sahoo	IIT Kanpur IIT Guwahati
3	noc26-ae03	Aerospace / UAV Technology	Aeromechanics of Unmanned Aerial Vehicles / Drones	Prof. Abhishek	IIT Kanpur
4	noc26-ae04	Aerospace Engineering Mechanical Engineering	Fluid Mechanics	Prof. Sanjay Mittal	IIT Kanpur
5	noc26-ae05	Aerospace Engineering	Gasdynamics: Fundamentals and Applications	Prof. Srisha Rao M V	IISc Bangalore
6	noc26-ae06	Aerospace Engineering	Lighter than Air Systems	Prof. Rajkumar S. Pant	IIT Bombay

Jan 2026 Timelines

	4 weeks (SET 1)	8 weeks (SET 1)	12 weeks	4 weeks (SET 2)	8 weeks (SET 2)
Start of course	Jan 19, 2026	Jan 19, 2026	Jan 19, 2026	Feb 16, 2026	Feb 16, 2026
End of course	Feb 13, 2026	Mar 13, 2026	Apr 10, 2026	Mar 13, 2026	Apr 10, 2026
Exam dates	Saturday, March 28, 2026 Sunday, March 29, 2026 2 Sessions on each date 9am-12 noon; 2pm-5pm		Friday, April 17, 2026 Saturday, April 18, 2026 Sunday, April 19, 2026 Friday, April 24, 2026 Saturday, April 25, 2026 Sunday, April 26, 2026 2 Sessions on each date 9am-12 noon; 2pm-5pm		
Possible additional Exam Dates	Friday, March 27, 2026		Monday, April 20, 2026 Monday, April 27, 2026		
Open enrollment to the course	Nov, 17 2025				
Close enrollment to the course	Jan 26 2026 5pm			Feb 16 2026 5pm	
Open exam registration form	Dec 13, 2025 - 10am				
Close exam registration form	Feb 9, 2026 - 5:00PM/ Feb 13, 2026- 5:00PM			Feb 23, 2026 5pm/ Feb 27, 2026 5pm	

Elite

NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)

Skill India
कौशल भारत-कुशल भारत

This certificate is awarded to

TIYASHA BASU

for successfully completing the course

Sports Psychology

with a consolidated score of **97** %

TOP TOPPER 5%

Online Assignments	24.5/25	Proctored Exam	72/75

Total number of candidates certified in this course: **584**

Prof. Andrew Thangaraj
Chair
Centre for Outreach and Digital Education, IITM

Aug-Oct 2025

(8 week course)

Prof. Vignesh Muthuvijayan
NPTEL Coordinator
IIT Madras

Indian Institute of Technology Madras

swayam

Roll No: NPTEL25HS155S460802423

To verify the certificate

No. of credits recommended: 2 or 3

Elite

NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)

Skill India
कौशल भारत - कुशल भारत

This certificate is awarded to

ROHANA BANERJEE

for successfully completing the course

Organizational Behaviour

with a consolidated score of **94** %

Online Assignments	25/25	Proctored Exam	69/75

TOP TOPPER 5%

Total number of candidates certified in this course: **4436**

Prof. B Umashankar
Chairperson, Centre for Continued Education (CCE)
IIT Hyderabad

Jul-Oct 2025

(12 week course)

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

Indian Institute of Technology Hyderabad

swayam

Roll No: NPTEL25MG80S460802817 To verify the certificate No. of credits recommended: 3 or 4

Elite

NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)

Skill India
कौशल भारत - कुशल भारत

This certificate is awarded to

NITYAA GUPTA

for successfully completing the course

Adolescent Health and Well-Being: A Holistic Approach

with a consolidated score of **91** %

Online Assignments	21.67/25	Proctored Exam	69/75

Total number of candidates certified in this course: **949**

Aug-Sep 2025

(4 week course)

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

swayam

Roll No: NPTEL25GE73S1260802315 To verify the certificate No. of credits recommended: 1 or 2

SPOC: Biswajit Chowdhury

Email id: biswajit.mail@gmail.com

Mobile No. 9433379228

THANK YOU