



Ref. No. CSVTU/UTD/SWAYAM/2026/ 465

Bhilai, Date: 19.01.26

To,
The Director/Principals
All Affiliated Institute of CSVTU, Bhilai CG

Subject: Regarding registration for SWAYAM MOOCs courses developed by CSVTU Bhilai for January 2026 cycle.

Dear Sir/Madam,

Registrations for SWAYAM online course platform initiated by Ministry of Education Government of India have started for January 2026 cycle. CSVTU Bhilai have developed 33 courses (list is attached) for **SWAYAM platform** in various domains. Out of 33 courses, 09 courses have been prepared in **Hindi language** as per **National Education Policy 2020**. The courses are available in the SWAYAM online platform under IGNOU as national coordinator for free of cost. These courses are designed on the basis of curriculum followed by CSVTU, so it will be very helpful for the students to acquire knowledge in particular domain.

The list of courses with their URLs is attached with this letter for your reference. Please share this information with your students, so that they can get some useful insights and benefit from the courses. The link of the courses is also provided on the CSVTU website; students can also visit the website to register for the courses.

All are requested to please share the registration details by filling the google form by 10th March 2026.

Google form link: <https://forms.gle/VM6ChbuwVcuHNX7X7>

Note:

1. The last date of Course registration on SWAYAM portal is 28th February 2026.
2. The steps for registration on SWAYAM portal is attached.

Amal
19.1.26
Registrar
CSV TU BHILAI CG
REGISTRAR
CSV TU, BHILAI (C.G.)

Copy to:

1. PS to HVC office
2. Director, DTE, Raipur for information please.
3. Chairman NEP, CSVTU Bhilai for compliance
4. PA to Registrar office
5. PA to Director office UTD
6. Master File

List of SWAYAM Courses for January 2026 Cycle

1.	Emerging Technologies in Renewable Energy Sources	https://onlinecourses.swayam2.ac.in/nou26_es03/preview	English
2.	Power Generation Technologies	https://onlinecourses.swayam2.ac.in/nou26_es04/preview	English
3.	Biomedical Instrumentation & Sensors	https://onlinecourses.swayam2.ac.in/nou26_ma03/preview	English
4.	Data Structure using C Programming	https://onlinecourses.swayam2.ac.in/nou26_cs05/preview	English
5.	Image Processing Using Python	https://onlinecourses.swayam2.ac.in/nou26_cs07/preview	English
6.	Safety in Construction Industry	https://onlinecourses.swayam2.ac.in/nou26_ce05/preview	English
7.	Industrial Safety and Fire Safety Management	https://onlinecourses.swayam2.ac.in/nou26_ge33/preview	English
8.	Elements of Underground and Opencast Mining	https://onlinecourses.swayam2.ac.in/nou26_mm02/preview	English
9.	Fundamentals of Computational Biology	https://onlinecourses.swayam2.ac.in/nou26_bt02/preview	English
10.	Genetic Engineering and Its Recent Advancements	https://onlinecourses.swayam2.ac.in/nou26_bt03/preview	English
11.	Digital electronic and System design	https://onlinecourses.swayam2.ac.in/nou26_ec01/preview	English
12.	Fundamental of Electronic Engineering	https://onlinecourses.swayam2.ac.in/nou26_ec02/preview	English
13.	Basic Principles of Energy Management & Energy Audit	https://onlinecourses.swayam2.ac.in/nou26_es05/preview	English
14.	Computational Protein Modeling and Analysis	https://onlinecourses.swayam2.ac.in/nou26_bt04/preview	English
15.	Artificial Intelligence using Prolog Programming	https://onlinecourses.swayam2.ac.in/nou26_cs06/preview	English
16.	Environmental Studies: Pollution, Climate Change and Safety Management (पर्यावरण अध्ययन: प्रदूषण, जलवायु परिवर्तन और सुरक्षा प्रबंधन)	https://onlinecourses.swayam2.ac.in/nou26_es06/preview	Hindi
17.	Energy Efficient Buildings	https://onlinecourses.swayam2.ac.in/nou26_ce06/preview	English
18.	Introduction to DBMS (डेटाबेस प्रबंधन प्रणाली का परिचय (डीबीएमएस))	https://onlinecourses.swayam2.ac.in/nou26_cs11/preview	Hindi

19.	Industrial Automation and Drives	https://onlinecourses.swayam2.ac.in/nou26_ec03/preview	English
20.	Maintenance and Testing of Electrical Machines	https://onlinecourses.swayam2.ac.in/nou26_ec05/preview	English
21.	Fundamentals of Communication system and its applications	https://onlinecourses.swayam2.ac.in/nou26_ec03/preview	English
22.	Fundamental of Cryptography (क्रिप्टोग्राफी के मूलभूत सिद्धांत)	https://onlinecourses.swayam2.ac.in/nou26_ma04/preview	Hindi
23.	Fundamentals of Engineering Physics	https://onlinecourses.swayam2.ac.in/nou26_ph01/preview	English
24.	Microbial Technology	https://onlinecourses.swayam2.ac.in/nou26_ma05/preview	English
25.	Fundamentals of Operating Systems (ऑपरेटिंग सिस्टम के सिद्धांत)	https://onlinecourses.swayam2.ac.in/nou26_cs09/preview	Hindi
26.	Foundations of Algorithmic Problem-Solving A Comprehensive Approach (एल्गोरिदमिक समस्या-समाधान की नींव: एक व्यापक दृष्टिकोण)	https://onlinecourses.swayam2.ac.in/nou26_cs10/preview	Hindi
27.	Formal Language and Automata Theory- An Application in Compiler Design (औपचारिक भाषा और स्वचालित सिद्धांत एक में डिज़ाइन कंपाइलर : अनुप्रयोग)	https://onlinecourses.swayam2.ac.in/nou26_cs12/preview	Hindi
28.	Essentials of Surveying: Application and Techniques	https://onlinecourses.swayam2.ac.in/nou26_ce08/preview	English
29.	Fundamentals of Building Construction	https://onlinecourses.swayam2.ac.in/nou26_ce07/preview	English
30.	Fundamental of Computers in Manufacturing (फंडामेंटल्स ऑफ कंप्यूटर्स इन मैनुफैक्चरिंग)	https://onlinecourses.swayam2.ac.in/nou26_ge37/preview	Hindi
31.	Fundamental of Fluid Mechanics (द्रव यांत्रिक के मौलिक सिद्धांत)	https://onlinecourses.swayam2.ac.in/nou26_me06/preview	Hindi
32.	Introduction to Electric and Hybrid Electric Vehicle	https://onlinecourses.swayam2.ac.in/nou26_ec04/preview	English
33.	Environmental pollution and Sustainable management (पर्यावरण प्रदूषण और सतत प्रबंधन)	https://onlinecourses.swayam2.ac.in/nou26_es08/preview	Hindi

Steps for Registrations

Steps for registrations:

1. Click on “Join”

Biomedical Instrumentation & Sensors

https://onlinecourses.swayam2.ac.in/hou25_bt02/preview

swayam

swayam

About Swayam | All Courses | SIGN IN / REGISTER

Home > Courses >

Biomedical Instrumentation & Sensors

By Dr. Piyush Lotia and Mr. Thaneshwar Kumar Sahu | Chhattisgarh Swami Vivekanand Technical University, Bilhal

Join

Learners enrolled: 806

N

Introductory Video for Biomedical Instrumentation & Sensors Dr. ...

Share

Watch on

YouTube

BIOMEDICAL INSTRUMENTATION & SENSORS

Biomedical Instrumentation and Sensors is a course designed to introduce students to the use of Instrumentation and sensors in the field of biomedical engineering. The course focuses on the fundamentals of Instrumentation, including the principles of operation, calibration and maintenance of biomedical instrumentation. Students will learn how to construct and troubleshoot electronic circuits, as well as how to use a variety of biomedical sensors. Additionally, the course will cover topics such as medical imaging, signal processing, and Instrumentation safety. The course will also include a variety of hands-on lab activities to give students the opportunity to practice their knowledge and gain an understanding of the practical use of biomedical instrumentation and sensors. Upon completion of the course, students should be able to analyze and interpret biomedical signals, design and construct circuits, and utilize biomedical instrumentation and sensors in a variety of contexts.

Summary

Course Status : Upcoming

Course Type : Elective

Language for course content : English

Duration : 12 weeks

Category :

- Biological Sciences & Bioengineering

Credit Points : 4

Level : Diploma

Start Date : 01 Jan 2025

End Date : 30 Apr 2025

Enrollment Ends : 28 Feb 2025

Exam Date : 17 May 2025 IST

Exam Shift : Shift- II

Note: This exam date is subject to change based on seat availability. You can check final exam date on your hall ticket.

fb

whatsapp

telegram

linkedin

plus

Type here to search

26°C Sunny

12:14 PM

ENG

IN

1/23/2025

2. Go through the Google Account.

The screenshot displays the Swayam login interface within a web browser. The browser's address bar shows the URL: https://swayamopenidb2clogin.com/B2C_1_swayam2/oauth2/v2.0/authorize?response_type=code&client_id=9d496f4e-cf40-4487-b6e5-ec6d0d214dd8&redirect_uri=https%3A%2F%2Fonlinelibrary.swayam2.ac.in%2Fwso.... The page header includes the Swayam logo and navigation links: About Swayam, All Courses, Partner Institutions, Local Chapters, and Swayam Plus. A blue banner at the top states: "An initiative by Ministry of Education (Govt. of India)".

The main content area features a large background image of a person using a laptop. Overlaid on this image are three login options: "Username" (with a person icon), "Password" (with a lock icon), and "Login" (with a key icon). A green arrow points to the "Login" button.

Below the main image, there is a section titled "Sign in with your social account" with buttons for Microsoft and Google. A green arrow points to the Google button. To the right of this section, there is a "Sign in with your user name" section with input fields for Username and Password, a "Forgot your password?" link, and a "SIGN IN" button. At the bottom of this section, there is a link: "Don't have an account? Sign up now".

The browser's taskbar at the bottom shows the Windows logo, a search bar, and several application icons including Edge, File Explorer, and various office applications. The system tray in the bottom right corner shows the date and time: "ENG 12:31 PM 1/25/2025".

3. Fill the mail id:

The screenshot shows a web browser window with the Google sign-in page for the Swayamprod app. The address bar shows the URL: https://accounts.google.com/v3/signin/identifier?opparams=%253F&idsh=S354810786%3A173778660670084&client_id=879757834676-rhj4m1aa8fmqccq4ebaniend8oe-apps.googleusercontent.com&ddm=1&dv=1&redirect_uri=https%3A%2F%2Fs...

The sign-in card displays the Google logo and the text "Sign in with Google". Below this, it says "Sign in to continue to swayamprod". A large green arrow points to the input field labeled "Email or phone".

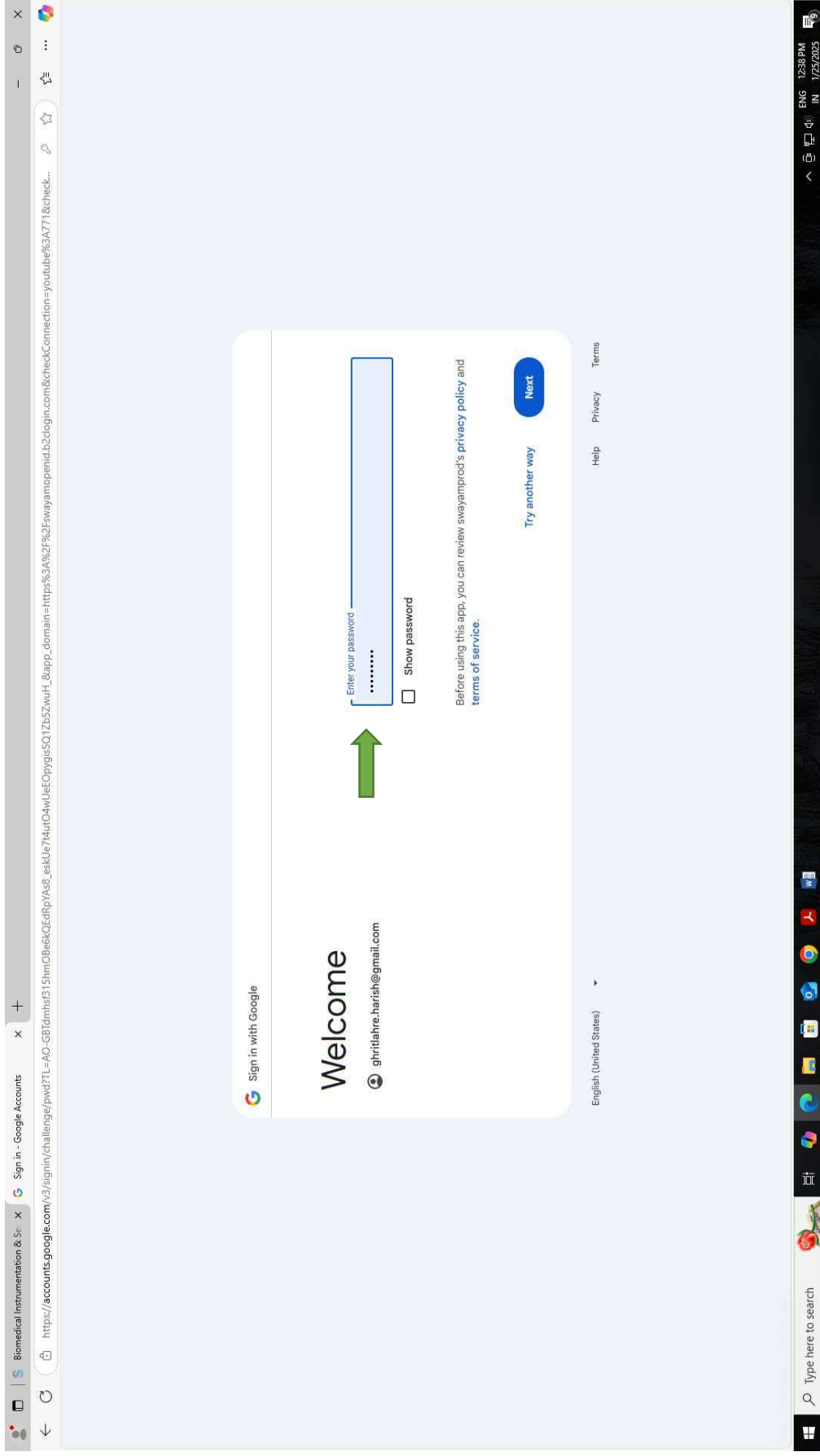
Below the input field, there is a link for "Forgot email?".

At the bottom of the card, there is a link for "Create account" and a blue "Next" button.

At the bottom of the page, there are links for "Help", "Privacy", and "Terms". The language is set to "English (United States)".

The Windows taskbar at the bottom shows the search bar, task view button, and several open applications including the Start menu, File Explorer, Edge, Word, and the Swayamprod app.

4. Fill Password:



The screenshot shows a web browser window with the address bar displaying a Google sign-in URL. The main content area features a 'Sign in with Google' card. Inside the card, the text 'Welcome' is followed by the email address 'ghritahre.harish@gmail.com'. Below this, there is a password input field with the placeholder text 'Enter your password'. A green arrow points to this field. To the right of the input field is a checkbox labeled 'Show password'. Below the checkbox, there is a link that says 'Before using this app, you can review swayamprod's privacy policy and terms of service.' At the bottom of the card, there are two buttons: 'Try another way' and 'Next'. The browser's taskbar at the bottom shows various application icons, and the system tray on the right indicates the time as 12:38 PM on 1/25/2025.

Sign in with Google

Welcome

ghritahre.harish@gmail.com

Enter your password

.....

☐ Show password

Before using this app, you can review swayamprod's privacy policy and terms of service.

Try another way

Next

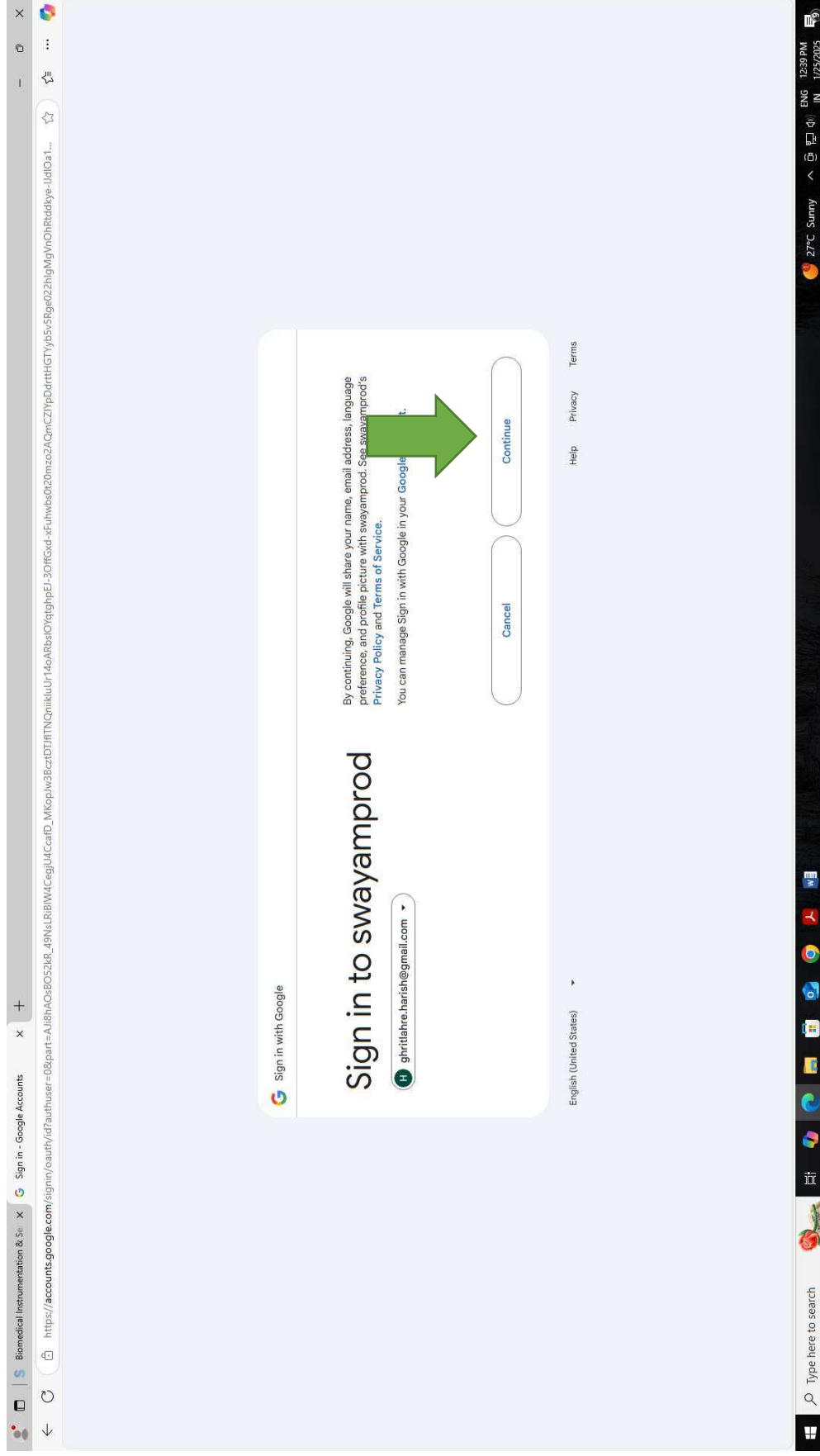
English (United States)

Help Privacy Terms

Type here to search

ENG 12:38 PM 1/25/2025

5. Click on “Continue”



6. Email Address:

Biomedical Instrumentation & ...

swayamopenid.b2login.com/...

https://swayamopenid.b2login.com/...

Ministry of Education
Government of India



All India Council for Technical Education

swayam

सWAYAM

स्वायम्

सWAYAM

HOME

ABOUT SWAYAM

ALL COURSES

NATIONAL COORDINATORS

Email Address

CONTINUE

CANCEL



Privacy Policy | Terms of Use | Honor Code

7. Click on “Continue”

The screenshot displays the Swayam portal login interface. At the top, the browser's address bar shows the URL: <https://swayamopenid.b2clogin.com/swayamopenid.onmicrosoft.com/oauth2/authresp?state=StateProperties%3DeyJTSUJQOjU4LW1zLWVwaW0cmM6OTM0MDE4ZWUUMzJhMS00ZGZLTG0yYVNDhMwVjODRHOWhwM0lnYVJmZGZlYmY0OY...>. The header features the Ministry of Education Government of India logo and the text "All India Council for Technical Education". Navigation links include HOME, ABOUT SWAYAM, ALL COURSES, and NATIONAL COORDINATORS. The main content area shows an "Email Address" field with the text "skrlivedass@gmail.com". Below the field are two orange buttons: "CONTINUE" and "CANCEL". A large green arrow points to the "CONTINUE" button. At the bottom, there is a "Google play" logo and links for "Privacy Policy" and "Terms of Use | Honor Code". The Windows taskbar at the bottom shows the time as 1:05 PM on 1/25/2025, with a temperature of 27°C and weather conditions of Sunny.

8. Fill all the details as given:

Biomedical Instrumentation & ...

swayamopenid62zdqgin.com/...

swayam2.ac.in/signup?user_email=skrliveclass@gmail.com&raw_slug=/nou25_ec038&origin=%2Fnou25_ec03%2Fregister%3Fautojoin%3Dyes%26user_email%3Dskrliveclass%40gmail.com&join=true

National Programme on Techn...

Swayam Central

New tab

Save Profile

MY PROFILE

Account Info

Personal Details

Name *

Mobile Number *

Email *

Date of Birth *

Gender *

Country residing in currently *

Pincode *

State *

City/District *

Profession *

Highest Qualification *

Year of Graduation *

Academic Bank of Credits (ABC) *

Education Details

Part of a SWAYAM local chapter? *

+91

skrliveclass@gmail.com

mm/dd/yyyy

-- Select Gender --

No

If you are a student/faculty in a college go to [here](#) and check if your college is an SWAYAM Local Chapter

Type here to search

27°C Sunny

1:05 PM 1/25/2025

Biomedical Instrumentation & S

swayamopened2clogin.com/

swayam2acn/signup?user_email=skrivclass@gmail.com&raw_slug=/nou25_ec038origin=%2Fnou25_ec03%2Fregister%3Fautojoin%3Dyes%26user_email%3Dskrivclass%40gmail.com&join=true

National Programme on Technic

Swayam Central

New tab

swayam

About Swayam | All Courses | skrivclass@gmail.com

Profession *

Highest Qualification *

Year of Graduation * 0

Academic Bank of Credits (ABC) *

For more details [Click here](#)

Education Details

Part of a SWAYAM local chapter? * 0

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 *

College Name *

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

☐

I agree to SWAYAM Terms of Service

☐

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 'Save' button.

SAVE

CANCEL

Ministry of Education

GOVERNMENT OF INDIA

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swayam

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SWAYAM Helpline / Support

Initiative by: Ministry of Education (Govt of India)

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27°C Sunny

ENG 1:00 PM

IN 1/25/2025

9. After filling the detailsClick on “Save”

swayam

swayamopenid.b2clogin.com/... X Swayam Central X Swayam Central X Swayam Central X Swayam Central X National Programme on Techno...

https://onlinecourses.swayam2.ac.in/signup?user_email=skriviveclass@gmail.com&draw_slug=/nou25_ac03%2Fregister%3Fautojoin%3Dyes%26user_email%3Dskriviveclass%40gmail.com&join=true

About Swayam | All Courses | skriviveclass@gmail.com

Profession *

Highest Qualification *

Year of Graduation *

Academic Bank of Credits (ABC) *

Education Details

For more details [Click here](#)

Part of a SWAYAM local chapter? *

No

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 *

College Name *

The Start typing your City or College name for automatic filtering

Other

☐ I agree to SWAYAM Terms of Service

☐ 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 "Save" button.

SAVE CANCEL

Ministry of Education Government of India

swayam

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Follow us

SWAYAM Helpline / Support

Initiative by : Ministry of Education (Govt of India)

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ENG 1:08 PM

IN 1/25/2025