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NPTEL » Chemical Crystallography

Announcements About the Course Ask a Question Progress Mentor

Exam registration link

Register for Certification exam

Course outline

How to access the portal

Pre-requisite

Week 1 - Basics, Symmetry and Equivalent Points in Crystallography

- Introduction to X-Ray Crystallography
- Sources of X-Rays, Crystal Systems and Bravais lattices
- Crystallographic Symmetries
- Equivalent Points and 1D Lattices
- 5 Fold Symmetry and 2D Lattices
- Quiz : Assignment 1

Week 2 - Crystallographic Point Groups and Space Groups

DOWNLOAD VIDEOS

There are new announcements since your last visit. Please have a look.

## Chemical Crystallography : Steps to access the assignment through Mobile App

2019-08-01  
Dear Learners

Assignments have been released for all courses for week 1. If you are using the mobile app, please ensure you see the assignment link. If you don't, please do the following steps:

- Step 1: Go to setting on your android phone
- Step 2: Go to the "Apps" in the settings
- Step 3: You will get a list of apps. Click on Swayam app
- Step 4: You will see app info. Go to the storage in the app info
- Step 5: Click on clear data and clear cache button.
- Step 6: Login again to the SWAYAM app using the credentials used to enroll in the course.

Here, you can watch the videos, lecture notes as well as solve assignments.

Please note that if the OS version in your Android phone is 6, the content may not show up properly. Kindly refer to the web version to ensure you see all the contents of the week and then proceed to use the app.

-NPTEL Team

## Regarding the Chemical Crystallography Course

2019-07-31  
Dear All,

Activate Windows  
Go to PC settings to activate Windows.



## NPTEL Online Course Certification Exams for 2019

**June - November 2019 Registration form is Opened!**

[Login here](#)

Please register for the exam after 3 days if you have done the enrolment today.

Please note that the database of enrolled courses is updated only twice a week. Hence registration for examination to enrolled courses should be done at least 3 days after enrollment to ensure updation of the database.

Windows  
Click here to activate Windows.



### Exam Registration Form for June-November 2019

[Registration for November 16<sup>th</sup> & 17<sup>th</sup> 2019 Exams \(Opened\)](#) ←  
November exam courses

Click on this link to register for examination

After logging in with your google id with which you have registered for the course, you will be directed to this page for exam registration.

Activate Windows  
Go to PC settings to activate Windows.

# Exam Registration

Fill your basic information like name, DOB, address etc.

- Basic Information**
- College Details
- Address Details
- Photo And Signature
- Course Details
- Payment Detail

## Personal Details

Edit

Application Number:	STSEP191046775
Name:	GOKUL GANESAN
Date of Birth:	1988-12-04
Gender	Male
Phone:	9833384423
Alternative Contact:	No
Disability Reason:	No
Disability 40% above:	No
SC/ST:	No

Disclaimer

Activate Windows  
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## Exam Registration Form for June - November 2019

- Basic Information
- College Details**
- Address Details
- Photo And Signature
- Course Details
- Payment Detail

### College Details

Fill your college and other information

Edit

Your Current Role:	Faculty
State(College / Organization):	MAHARASHTRA
City(College / Organization):	MUMBAI
Name of College/Organization	JAI HIND COLLEGE

### Other Details

How did you know about these courses?:	Internet
Motivation for doing the course?:	Exploring new domains of knowledge
Are you taking this exam for Credit Transfers?:	No
Can we share your score information with your college?:	Yes
Can we share your contact information with potential employers?:	Yes

Disclaimer

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NPTELRegistration Form | NMR spectroscopy for Chemists | FAQ\_SWAYAM.pdf | how to start a discussion topic | SSRMS

https://nptelonlinecourses.iitm.ac.in/profilepage.php?run=Jun-Nov%202019&kalam=0

### Exam Registration Form for June - November 2019

Basic Information

**College Details**

Address Details

Photo And Signature

Course Details

Payment Detail

#### College Details

[Edit](#)

Your Current Role: Faculty

State(College / Organization): MAHARASHTRA

City(College / Organization): MUMBAI

Name of College/Organization: JAI HIND COLLEGE

#### Other Details

How did you know about these courses?: Internet

Motivation for doing the course?: Exploring new possibilities of knowledge

Are you taking this exam for Credit Transfers?:  No  Yes  Yes

Can we share your score information with your college?:  Yes  No

Can we share your contact information with potential employers?:  Yes  No

Disclaimer

Use the Edit button to edit

**IMP:** Please check YES for credit transfer and to share your score information with college to ensure smooth credit transfer for AAA activity.

You may choose to check YES/NO for sharing contact information with potential employers.



## Exam Registration Form for June - November 2019

- Basic Information
- College Details
- Address Details**
- Photo And Signature
- Course Details
- Payment Detail

### Certificate Mailing Address Details

Address:	DEPARTMENT OF CHEMISTRY JAI HIND COLLEGE A ROAD, CHURCHGATE
Village/Town/Area:	MUMBAI
City/District:	Mumbai City
State	Maharashtra
Pincode:	400020

Please fill in the mailing address as it is a mandatory field, however SWAYAM-NPTEL will be issuing only soft copies of the certificate to successful candidates by E-mail from this examination onwards.

Activate Windows  
Go to PC settings to activate Windows.

Upload photo and signature with given constraints

Photo Size: 50kb to 150kb

Signature size: 15kb to 150kb

You can change the size of image by using paint application in windows (Resize option)  
or using Microsoft picture editor

The screenshot displays a web browser window with the URL <https://nptelonlinecourses.iitm.ac.in/profilepage.php?run=Jun-Nov%202019&kalam=0>. The page title is "Exam Registration Form for June - November 2019". On the left, a navigation menu includes "Basic Information", "College Details", "Address Details", "Photo And Signature" (highlighted), "Course Details", and "Payment Detail". The main content area is titled "Photos and Signature:" and features an "Edit" button. It contains three sections: "Photos:" with a portrait of a man, "Certificate Preview:" with a small certificate image, and "signature:" with a handwritten signature in blue ink. A "Disclaimer" link is at the bottom center, and an "Activate Windows" watermark is in the bottom right corner. The Windows taskbar at the bottom shows the time as 12:21 PM on 8/5/2019.



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https://nptelonlinecourses.iitm.ac.in/course\_modules.php?run=Jun-Nov%202019

Apps | JioNet | JPG to PDF - Conve... | Predict 1H proton... | Agilent 1220 Infnit... | Convert Heic to JPE... | Sci-Hub | Molbase | E-Resource Links | State Bank of India... | SWAYAM-NPTEL Lo... | International Journ...

Add Multiple Courses (Note: Total of 4 courses allowed - 2 per exam date)

\*Exam Date: 2019-11-17  
\*Exam Session: Morning Session  
\*Course Details: Introductory Organic Chemistry I

I need to change my place of choice in Writing the Exam on , and I here by confirm that the places am changing will be automatically updated for the previously chosen exam on the same date and exams.

Exam State:  
\*Exam State: Maharashtra  
\*Exam City - 1<sup>st</sup> choice: Mumbai  
\*Exam State - 2<sup>nd</sup> choice: Maharashtra  
\*Exam City - 2<sup>nd</sup> choice: Pune

3<sup>rd</sup>Choice:  
**⚠ If exam city choices 1 and 2 are not available, you will be allotted to this 3<sup>rd</sup> choice exam city. Request you to choose this exam city very carefully.**

\*Exam State: Tamil Nadu  
\*Exam City: Chennai-South  
Amount: ₹1000  
Add Course(s)

BACK NEXT

Activate Windows  
Go to PC settings to activate Windows.

12:27 PM  
8/5/2019

Windows taskbar: File Explorer, Chrome, Word, WhatsApp

Choose examination date available for your course and the session (morning/afternoon) in which you want to appear for the exam.

Select the first choice of exam center.

Select a second and third choice as per your convenience.

Click on add course and it will take you to the next page.

Timelines and Guidelines

Course Details

Back

- Basic Information
- College Details
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- Photo And Signature
- Course Details**
- Payment Details

**Important Note:**

- ✓ Please choose the courses you want to write exams for. You can appear for a maximum of 4 exams. All 252 courses will have exams on 16 November and 17 November - but will be split across the FN and AN sessions.
- ✓ Please select the city appropriately for writing the exam. The actual centre will be known when you get the hall ticket. In case we have insufficient numbers in a particular shift/date in a particular city, we may change the date to the next alternate. In case, we have insufficient numbers in some of the cities, that city will be cancelled and you will be allocated to a nearby city. Cities for which this may happen and the corresponding alternatives are given here.
- ✓ Please keep checking for our emails and updates on allocations between 14 October-01 November, 2019.
- ✓ If you opt to write exams in 2 shifts on the same date, same centre will be allocated to you. Tentative date of hall tickets: November 04 2019
- ✓ If all the nodes in a city are already filled up, we will allocate you to the choice 2 or 3 given by you.

S.No	Course Name	Exam Date	Exam Session	Exam City	Amount
1	NMR spectroscopy for Chemists and Biologists <b>FDP</b>	2019-11-16	AN	Mumbai	₹ 1100

Course Details

Course Name	Exam Date	Exam Session	Exam City	Price	Action
Introductory Organic Chemistry I	2019-11-17	FN	Mumbai	₹ 1000	

Save & proceed or scroll down to add more courses for examination

Sub Total: ₹ 1000  
Fee Waived Amount: ₹ 0  
Certificate hardcopy Waived Amount: ₹ 0

Total Amount: ₹ 1000

Save & Proceed

NPTELRegistration Form | NMR spectroscopy for Chemists | FAQ\_SWAYAM.pdf | how to start a discussion topic | SSRMS

https://nptelonlinecourses.iitm.ac.in/course\_modules.php?run=Jun-Nov%202019

Course Name	Exam Date	Exam Session	Exam City	Price	Action
Introductory Organic Chemistry I	2019-11-17	FN	Mumbai	₹ 1000	

Sub Total: ₹ 1000  
Fee Waived Amount: ₹ 0  
Certificate hardcopy Waived Amount: ₹ 0

Total Amount: ₹ 1000

Save & Proceed

Add Multiple Courses (Note: Total of 4 courses allowed - 2 per exam date)

\*Exam Date: Select Exam Date  
\*Exam Session: --Select Exam Session--  
\*Course Details: Select Course  
Amount: ₹1000  
Add Course(s)

BACK NEXT

Disclaimer

Activate Windows  
Go to PC settings to activate Windows.

12:34 PM  
8/5/2019

You can add multiple courses for examination. However a maximum of only 2 per exam date can be taken

You will be directed to a bill desk on clicking on Payment detail where you can make payment using credit/debit cards or internet banking.

The screenshot displays the BillDesk payment interface. On the left, a sidebar menu includes 'Credit Card', 'Debit Card', 'Debit Card + ATM PIN', and 'Internet Banking'. The main area is titled 'Pay by Credit Card' and features logos for VISA, MasterCard, AMERICAN EXPRESS, and RuPay. It contains input fields for 'Card Number', 'Expiration Date' (Month and Year), and 'CVV/CVC', along with a 'Card Holder Name' field. A prominent yellow 'Make Payment' button is at the bottom, with a 'Cancel' link nearby. A summary box on the right shows the 'Merchant Name' as 'IIT Madras - National Program on Technology Enhance Learning' and the 'Payment Amount' as '₹ 1000.00'. The BillDesk logo is in the bottom right corner. The browser's address bar shows 'https://pgi.billdesk.com/pgidsk/ProcessPayment'. The Windows taskbar at the bottom includes icons for various applications and the system clock showing 12:37 PM on 8/5/2019.

For any other queries write to  
[gokul.ganesan@jaihindcollege.edu.in](mailto:gokul.ganesan@jaihindcollege.edu.in)