



# Dayanand Science College, Latur.

## Department of Chemistry

### Events organized during the Academic year 2021-22

Action Taken Report of Swayam-NPTEL report July –Dec 2021

#### SWAYAM-NPTEL local Chapter

### *Report of NPTEL July – December 2021*

#### **Introduction :**

- SWAYAM or *Study Webs of Active Learning for Young Aspiring Minds* is a programme of the Ministry of Human Resource Development, Government of India, that enables professors and faculties of centrally funded institutions like IITs, IIMs, Central University Of Haryana to offer online courses. Previously, the courses were only for the citizens of India, but now they are offered to anyone in the world having an internet connection.
- SWAYAM, the free online education was developed by MHRD, Govt. Of India and AICTE with the help of Microsoft. It offers hundreds of courses with transferable credits.
- All courses are offered free of cost under this programme, however fees are levied in case the learner requires a certificate.
- In the first phase, IIT Bombay, IIT Madras, IIT Kanpur, IIT Guwahati, University of Delhi, JawaharLal Nehru University, IGNOU, IIM Bangalore, IIM Calcutta, Banaras Hindu University, alone as well as with the help of faculty from foreign universities will be offering courses in areas of engineering education, social science, energy, management, basic sciences. At least one crore students are expected to benefit in 2 to 3 years through this initiative. India has become one of the few countries in the world which has its own online interactive learning platform that provides not only video lectures and reading material but also assignments/quizzes that could end up in securing credits after completing the assessment system. Ex-President of India Shri Pranab Mukherjee launched the SWAYAM and SWAYAM Prabha, the 32 DTH channels operationalized for telecasting educational content free of charge using the GSAT-15 satellite transponders.

#### **Establishing SWAYAM NPTEL Local Chapter in Our College**

- **SPOC Name**–Dr. RAVINDRA S. SHINDE
- **Designation** - ASSISTANT PROFESSOR, CHEMISTRY
- **Partnering since** - Dec-2017
- **College Id**– 1476

The Dayanand science college, Latur establish NPTEL local chapter on December 2017. According to this our Principle prepare committee to run online NPTEL course in college. The NPTEL local chapter web page of Dayanand Science College being created by NPTEL on it: <http://nptel.ac.in/localchapter>., [https://nptel.ac.in/LocalChapter/college\\_homepage.php?collegeid=1476](https://nptel.ac.in/LocalChapter/college_homepage.php?collegeid=1476)

<https://nptel.ac.in/LocalChapter/ack3/1.php>



# Dayanand Science College, Latur.

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Action Taken Report of Swayam-NPTEL report July –Dec 2021

#### 2. Committee:

#### SWAYAM -NPTEL Portfolio 2021-22

Sr. No.	Name of Member	Designation
1	Dr. R. S. Shinde	Co-ordinator
2	Dr. S. S. Mahurkar	Member
3	Prof. S. S. Jaju	Member
4	Prof. M. B. Sugre	Member

#### 3. Outcomes

For announcements, you may go to <http://nptel.ac.in/>. The main outcomes/objectives are as follows.

1. NPTEL web and video courses across 23 disciplines are available on our portal nptel.ac.in.
2. In 2014 process of getting certified from NPTEL courses was initiated, so that learners get a tangible end result in the form of a certificate from the IITs/IISc for their effort.
3. Certification courses are offered twice a year (Jan-Jun, Jul-Dec).
4. Joining a course is free.
5. Anyone can learn from these courses anywhere anytime.
6. No pre-requisites, no age limit, no entrance criteria to enroll.
7. Learning can be done by watching videos and this is tested by the weekly assignments, that are to be submitted online within the prescribed deadline.
8. Any queries/doubts you may have, you can post in the respective discussion forum, which will be answered by the faculty and his/her team.
9. There is an optional proctored certification exam that the learner can take for a nominal fee at the end of the course to earn certificates from the IITs.
10. Enabling students to obtain certificates to make students employable in the industry or pursue a higher education program.
11. Relevant exposure to tools and technologies are being offered.
12. The learner has to be present in person for the exam and currently exams are conducted only in India in about 130+ cities in two shifts. Learner has to appear at the designated exam centre to participate in the exam, where his/her id is verified.



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Action Taken Report of Swayam-NPTEL report July –Dec 2021

13. The 25% of the final marks comes from the Assignments and 75% from the final exam.
14. To enhance skills and gain essential knowledge required for student's field or brushing up the basic key concepts.
15. To build a strong resume and character ultimately grooming students to get easily absorbed in a cooperate life.

The main benefits of participating in an online course under NPTEL are:

1. Students: credit transfer and better resume.
2. Faculty: Refresher courses, AICTE recognized FDP courses.
3. Working professionals: For upskilling and reskilling.



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Action Taken Report of Swayam-NPTEL report July –Dec 2021



2017-12-26

To  
The Principal  
DAYANAND SCIENCE COLLEGE  
PRAKASH NAGAR LATUR  
LATUR - 413512  
MAHARASHTRA

Dear Sir/Madam,

Sub: Establishing SWAYAM NPTEL Local Chapter in your college

Greetings from the NPTEL office.

This is to acknowledge the receipt of your letter accepting to host SWAYAM NPTEL Local Chapter in your institution.

The Single Point of Contact (SPOC) nominated from your college is

**Name of SPOC: PROF. RAVINDRA S. SHINDE**  
**Designation: ASSISTANT PROFESSOR**  
**Department: CHEMISTRY**  
**Contact No(s): 9850150872**  
**E-mail id: rshinde.33381@gmail.com**

We wish to inform you that all future correspondence related to NPTEL contents and online courses will be made to the afore-mentioned SPOC. He/she will be routinely updated with all the latest NPTEL initiatives which then may be circulated among the students.

We are also happy to share that a dedicated SWAYAM NPTEL Local Chapter web page is being created and your institution will have a separate page on it (<http://npTEL.ac.in/LocalChapter>).

Thanking you.

Sincerely

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT MADRAS



# Dayanand Science College, Latur.

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Action Taken Report of Swayam-NPTEL report July –Dec 2021

Important circulars and local chapter approvals about SWAYAM-NPTEL Online Courses

Sr. No.	Documents
1.	<a href="#">UGC SwayamGazette 19July2016</a>
2.	<a href="#">UGC-Letter-SWAYAM-MOOCs_10August2018</a>
3.	<a href="#">AICTE 22August2016Gazette</a>
4.	<a href="#">SRTMUN CircularNo2336 02.02.2018</a>
5.	<a href="#">SRTMUN Circular 16.11.2018</a>
6.	<a href="#">Enrollment Open for SWAYAM-NPTEL Online Courses (January to April 2020)</a>
7	<a href="#">Circular No.1310 dated 11.09.2019 Ordinance for SWAYAM-NPTEL-Other MOOC Courses Credit Transfer under CBCS w.e.f.2019-20</a>
8	Link for SWAYAM
9	<a href="https://nptel.ac.in/">https://nptel.ac.in/</a>
10	<a href="http://www.srtmun.ac.in/en/swayam-nptel/11259-enrollment-open-for-nptel-online-courses-july-dec-2019.html">http://www.srtmun.ac.in/en/swayam-nptel/11259-enrollment-open-for-nptel-online-courses-july-dec-2019.html</a>
11	Link of our Dayanand Science college Swayam-NPTREL local chapter <a href="https://nptel.ac.in/LocalChapter/statistics/1476/">https://nptel.ac.in/LocalChapter/statistics/1476/</a>
12	<a href="#">Link for registering to Online Courses of NPTEL</a> <a href="https://onlinecourses.nptel.ac.in/">https://onlinecourses.nptel.ac.in/</a>
13	<a href="#">Second Circular regarding NPTEL</a>
14	<a href="#">NPTEL Online Courses January-April 2019</a>
15	<a href="https://nptel.ac.in/">https://nptel.ac.in/</a>
16	<a href="https://docs.google.com/spreadsheets/d/e/2PACX-1vTDp7Tc1jHmOcE82rml9Fj1wgdERMb8yMMYUMZC6B2I1VOVO8zt-BBbPRhvoTBTuOgN87FCUDasHEZ-/pubhtml?urp=gmail_link">https://docs.google.com/spreadsheets/d/e/2PACX-1vTDp7Tc1jHmOcE82rml9Fj1wgdERMb8yMMYUMZC6B2I1VOVO8zt-BBbPRhvoTBTuOgN87FCUDasHEZ-/pubhtml?urp=gmail_link</a>
17	<a href="http://dsclatur.org/wp-content/uploads/2020/07/EnrollmentOpenforSWAYAMNPTELCoursesJulytoDecember2020-1-1.pdf">http://dsclatur.org/wp-content/uploads/2020/07/EnrollmentOpenforSWAYAMNPTELCoursesJulytoDecember2020-1-1.pdf</a>

### SWAYAM-NPTEL Exam Result



# Dayanand Science College, Latur.

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### Events organized during the Academic year 2021-22

Action Taken Report of Swayam-NPTEL report July –Dec 2021

Certification of students in various categories July-Oct 2019

Course Run	Present	Gold	Elite	Silver	Successful	Participation	Topper
<a href="#">July-Oct 2019</a>	5	0	4	1	0	5	0
<a href="#">Jan-Apr 2019</a>	4	0	1	1	1	1	0
<a href="#">Jul-Oct 2018</a>	3	0	1	0	0	2	0

#### Statement of teachers attending the SWAYAM-NPTEL workshops

Sr.No.	Workshop title	Date of the workshop	Name of the teacher
1.	SPOC Felicitation Workshop/ NPTEL Awareness program at IIT, Bombay	12 January 2018	Dr.R.S. Shinde
2.	SPOC Felicitation Workshop/ NPTEL Awareness program at IIT, Bombay	12 January 2018	Dr. S. S. Mahurkar
3	NPTEL Awareness program at S.R.T.M. University, Nanded	19 July 2019	Dr. S. S. Mahurkar

#### Local Chapter Outcome

The achievements of the batches in our college are given below:

Achievements of the batches	Jan-Apr 2018	Jul-Oct 2018	Jan-Apr 2019	July-Oct 2019	Jan-Apr 2020	July-Dec 2020	Jan-Apr 2021
Total enrolments to the online free course	68	120	155	220	89	96	103
Number of students submitting exam forms	-	04	04	07	01	01	02
Number of students appeared for the exam	-	04	04	05	01	00	02



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#### Action Taken Report of Swayam-NPTEL report July –Dec 2021

Number of students who successfully completed the course	-	03	03	05	01	00	01
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Achievements of the batches	July-Oct 2021
Total enrolments to the online free course	72
Number of students submitting exam forms	01
Number of students appeared for the exam	01
Number of students who successfully completed the course	01

#### Course Wise Outcome of July- October 2019 batch

Sr. no	Course-Id	Course Name	Present	Gold	Elite	Success	Participation
1	noc19-ma18	Calculus of One Real Variable	3	0	3	0	0
2	noc19-bt15	Genetic Engineering: Theory and Application	1	0	01	01	0
3	noc19-ma23	Introduction to Abstract and Linear Algebra	1	-	1	-	-

#### Course Wise Outcome of Jan- Apr 2021 batch

Sr. no	Course-Id	Course Name	Present	Gold	Elite	Success	Participation
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### Events organized during the Academic year 2021-22

#### Action Taken Report of Swayam-NPTEL report July –Dec 2021

Sr. no	Course-Id	Course Name	Present	Gold	Elite	Success	Participation
1	noc21-cy10	Basics in Inorganic Chemistry	2	0	1	1	1

#### Course Wise Outcome of July – September 2021 batch

Sr. no	Course-Id	Course Name	Present	Gold	Elite	Success	Participation
1	noc21-cy29	Stereochemistry	1	0	0	1	1

#### Course Wise Enrollments Details of July to December 2021 batch

Sr. No.	Course Id	CourseName
1	noc21-bt28	Bioreactors
2	noc21-bt39	Functional Genomics
3	noc21-bt26	Introduction to proteomics
4	noc21-ch38	Chemical Process Control
5	noc21-mg74	Decision-Making Under Uncertainty
6	noc21-bt46	Animal Physiology
7	noc21-cs67	Programming, Data Structures And Algorithms Using Python
8	noc21-ph21	Solid State Physics
9	noc21-ph26	Nuclear and Particle Physics
10	noc21-cs55	Programming in C++
11	noc21-cs81	C Programming and Assembly Language
12	noc21-cs97	Computer Graphics
13	noc21-ma57	Advanced Engineering Mathematics
14	noc21-bt23	Industrial Biotechnology
15	noc21-bt30	Biomedical nanotechnology
16	noc21-cy32	Introductory Organic Chemistry I
17	noc21-cy30	Organic Chemistry in Biology and Drug Development
18	noc21-cy43	Spectroscopic Techniques for Pharmaceutical and Biopharmaceutical Industries
19	noc21-mg51	Marketing Management – I
20	noc21-mg52	Managing Services
21	noc21-mg70	Entrepreneurship
22	noc21-mg97	Introduction to Marketing Essentials
23	noc21-cs74	Social Networks
24	noc21-bt36	Experimental Biotechnology
25	noc21-bt37	Drug Delivery: Principles and Engineering





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#### Action Taken Report of Swayam-NPTEL report July –Dec 2021

26	noc21-bt50	Introduction to Biomedical Imaging Systems
27	noc21-ge15	Introduction to Research
28	noc21-ee83	Electromagnetic Theory
29	noc21-hs90	Introduction To Japanese Language And Culture
30	noc21-ph19	Experimental Physics I
31	noc21-ph24	Waves and Oscillations
32	noc21-ph26	Nuclear and Particle Physics
33	noc21-ph29	Introduction to Classical Mechanics
34	noc21-ph32	Classical mechanics: from newtonian to lagrangian formulation
35	noc21-ma71	Algebra – I
36	noc21-cs67	Programming, Data Structures And Algorithms Using Python
37	noc21-cs58	Data Base Management System
38	noc21-cs104	Probability for Computer Science
39	noc21-cs86	Big Data Computing
40	noc21-cs95	Advanced computer architecture
41	noc21-bt41	Environmental Biotechnology
42	noc21-cs63	Introduction to Internet of Things
43	noc21-hs99	Poetry
44	noc21-lw02	Constitution of India and Environmental Governance: Administrative and Adjudicatory Process
45	noc21-ph33	Physics of Renewable Energy Systems
46	noc21-ag02	Dairy and Food process and products technology
47	noc21-cs62	Cloud computing
48	noc21-bt48	Fundamentals of Protein Chemistry
49	noc21-cs56	Programming in Java
50	noc21-cs79	Artificial Intelligence : Search Methods for Problem Solving
51	noc21-md04	Basic course in Biomedical Research Cycle 4A
52	noc21-cy29	Stereochemistry




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## NPTEL Online Certification

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




This certificate is awarded to  
**CHAUDHARI RUTIKA VRUSHIKET**  
for successfully completing the course

**Stereochemistry**

with a consolidated score of **53** %


Online Assignments	12.92/25	Proctored Exam	40.5/75
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Total number of candidates certified in this course: **83**




**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: NPTEL21CY29S13840063

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



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#### Action Taken Report of Swayam-NPTEL Local Chapter 2021-22

(Conference/Workshop/Symposium/Seminar/Guest Lecture/Special Day Celebration/open day/Exhibition/welcome function/farewell function/Sport activates/NSS activates/NCC activates/Portfolio activates etc.)

1. Name of the Department : Chemistry
2. Complete name/ title of the Activity : Online Swayam NPTEL course
3. Dates or Duration (from-----to) : July - Dec 2021
4. Venue of the Event : <https://nptel.ac.in> Dayanand Science College, Latur
5. Sponsor/Collaborations (if any) : NPTEL IIT Madra, India, Maharashtra
6. Level of the event (encircle) : National  
International / **National** / State / University / District / College / Department etc.
7. Purpose / aim / objective and outcome of the event:

#### Objectives:

- The students are developed, become skilled to do different online courses.
- To enhance skills and gain essential knowledge required for student's field or brushing up the basic key concepts.
- To build a strong resume and character ultimately grooming students to get easily absorbed in a cooperate life.

#### Outcomes:

- Students: credit transfer and better resume.
  - Faculty: Refresher courses, AICTE recognized FDP courses.
  - Working professionals: For upskilling and reskilling.
8. Beneficiaries / participants (Type/number, etc.):
    - Total of enrolled students: **72** pass: **01**
  9. Other major staff / student / Institution involved in the organization of the activity:
    - Principal, Vice-Principal, All Head of Department, Coordinator
  10. Any other information / comment / qualitative remarks:..
  11. Photograph / certificate submitted: **01**
  12. Evidences produced (Certificate/news paper cutting /letter): **certificate**
  13. Name and signature of coordinator: Dr. R. S. Shinde



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"आ नो भद्रा क्रतवो यन्तु विश्वतः"

# Dayanand Science College, Latur.

Department of Chemistry

Events organized during the Academic year 2021-22

Action Taken Report of Swayam-NPTEL report July –Dec 2021

*R.S. Shinde*  
Coordinator

Dr. R.S. Shinde

*[Signature]*  
IQAC coordinator  
IQAC - Coordinator  
Dayanand Science College,  
Latur, M.S. (INDIA)

*[Signature]*  
PRINCIPAL  
Dayanand Science College  
LATUR



# Dayanand Science College, Latur.

Department of Chemistry

Events organized during the Academic year 2021-22

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Action Taken Report of Swayam-NPTEL report July –Dec 2021

# Dayanand Science College, Latur.

## Department of Chemistry

### Events organized during the Academic year 2021-22

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Action Taken Report of Swayam-NPTEL report Jan-April- 2022

#### SWAYAM-NPTEL local Chapter

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### *Report of NPTEL January –April 2022*

#### **Introduction :**

● SWAYAM or *Study Webs of Active Learning for Young Aspiring Minds* is a programme of the [Ministry of Human Resource Development, Government of India](#), that enables professors and faculties of centrally funded institutions like [IITs](#), [IIMs](#), Central University Of Haryana to offer online courses. Previously, the courses were only for the citizens of [India](#), but now they are offered to anyone in the world having an internet connection.

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**Dayanand Science College, Latur.**  
**Department of Chemistry**  
**Events organized during the Academic year 2021-22**

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Action Taken Report of Swayam-NPTEL report Jan-Aprl- 2022

2. Committee:

**SWAYAM -NPTEL Portfolio 2021-22**

<b>Sr. No.</b>	<b>Name of Member</b>	<b>Designation</b>
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<b>2</b>	<b>Dr. R. B. Shinde</b>	<b>Member</b>
<b>3</b>	<b>Dr. M. A. Karale</b>	<b>Member</b>
<b>4</b>	<b>Prof. M. B. Sugre</b>	<b>Member</b>
<b>5</b>	<b>Miss B. S. Kale</b>	<b>Member</b>

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1. Students: credit transfer and better resume.
2. Faculty: Refresher courses, AICTE recognized FDP courses.
3. Working professionals: For upskilling and reskilling.

#### Local Chapter Outcome

The achievements of the batches in our college are given below: <b>Achievements of the batches</b>	<b>July-Oct/Dec 2021</b>	<b>Jan-April 2022</b>
Total enrolments to the online free course	72	43
Number of students submitting exam forms	01	02
Number of students appeared for the exam	01	02
Number of students who successfully completed the course	01	02

#### Course Wise Outcome of July – September 2021 batch

Sr. no	Course-Id	Course Name	Present	Gold	Elite	Success	Participation
1	noc21-cy29	Stereochemistry	1	0	0	1	1



**Dayanand Science College, Latur.**  
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Action Taken Report of Swayam-NPTEL report Jan-April- 2022

**Course Wise Outcome of Jan-April 2022 batch**

Sr. no	Course-Id	Course Name	Present	Gold	Elite	Success	Participation
1	noc22-bt18	Cell Biology: Cellular organization, division and processes	02	-	-	02	02

**Course Wise Enrollments Details of Jan-April 2022 batch**

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Action Taken Report of Swayam-NPTEL report Jan-April- 2022

Sr. No.	Course Id	Course Name
1	noc22-cy01	Organometallic Chemistry
2	noc22-hs08	Enhancing Soft Skills and Personality
3	noc22-cy02	Basics in Inorganic Chemistry
4	noc22-cy34	Reactive Intermediates Carbene and Nitrene
5	noc22-bt07	Human Molecular Genetics
6	noc22-cs32	Python for Data Science
7	noc22-cs51	Data Base Management System
8	noc22-cs08	Data Analytics with Python
9	noc22-cs15	Computer Architecture
10	noc22-cs19	Computer Networks and Internet Protocol
11	noc22-cs27	Design and analysis of algorithms
12	noc22-cs28	Data Science for Engineers
13	noc22-cs38	Design and Engineering of Computer Systems
14	noc22-cs40	Introduction To Programming In C
15	noc22-cs42	An Introduction to Programming Through C++
16	noc22-cs47	Programming In Java
17	noc22-cs12	Software Testing
18	noc22-cs20	Cloud computing
19	noc22-cy05	Advanced Transition Metal Organometallic Chemistry
20	noc22-ph06	Quantum Mechanics I
21	noc21-md05	Basic course in Biomedical Research Cycle
22	noc22-cs06	AI:Constraint Satisfaction

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**Action Taken Report of Swayam-NPTEL report Jan-Aprl- 2022**

23	noc22-ma24	Computational Mathematics with SageMath
24	noc21-md04	Basic course in Biomedical Research Cycle 4A
25	noc22-bt10	Bioengineering: An Interface with Biology and Medicine
26	noc22-bt12	BioInformatics: Algorithms and Applications
27	noc22-cy02	Basics in Inorganic Chemistry
28	noc22-cs52	Introduction To Industry 4.0 And Industrial Internet Of Things
29	noc22-cs13	Ethical Hacking
30	noc22-bt07	Human Molecular Genetics
31	noc22-bt18	Cell Biology: Cellular organization, division and processes
32	noc21-md05	Basic course in Biomedical Research Cycle
33	noc22-ph18	Nuclear Astrophysics
34	noc22-cy05	Advanced Transition Metal Organometallic Chemistry
35	noc22-hs44	Phonetics and Phonology: A broad overview
36	noc22-cy08	Structure, Stereochemistry and Reactivity of Organic Compounds and Intermediates: A Problem-solving Approach
37	noc22-cy13	Industrial Inorganic Chemistry
38	noc22-ph06	Quantum Mechanics I
39	noc22-ph08	A brief course on Superconductivity
40	noc22-ph10	Introduction to Atmospheric and Space Sciences
41	noc22-ph15	Quantum Technology and Quantum Phenomena in Macroscopic Systems
42	noc22-ph16	Fluid Dynamics for Astrophysics

# Dayanand Science College, Latur.

## Department of Chemistry

### Events organized during the Academic year 2021-22

Action Taken Report of Swayam-NPTEL report Jan-Aprl- 2022

This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22BT18543820088

To  
MADLIYAR SHASHI SUBRAMANNM  
SHREE NAGAR  
MAHARASHTRA - 413512  
PH. NO :8080435525

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:2  
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

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### NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to  
**MADLIYAR SHASHI SUBRAMANNM**  
for successfully completing the course

**Cell Biology: Cellular Organization, Division and Processes**

with a consolidated score of **51** %

Online Assignments	21.25/25	Proctored Exam	30/75
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Total number of candidates certified in this course: 1155

Prof. G. L. Sivakumar Babu  
 Chairman, Center for Continuing Education  
 IISc Bangalore

Jan-Mar 2022  
 (8 week course)

Prof. L. Umanand  
 NPTEL Coordinator  
 IISc Bangalore

Indian Institute of Science Bangalore

Roll No: NPTEL22BT18543820088
To validate and check scores: <https://npTEL.ac.in/noc>

This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22BT18533820177

To  
MANISHA PRAKASH DESHPANDE  
SHYAM NAGAR, LATUR  
MAHARASHTRA - 413512  
PH. NO :7825251925

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:2  
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

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### NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to  
**MANISHA PRAKASH DESHPANDE**  
for successfully completing the course

**Cell Biology: Cellular Organization, Division and Processes**

with a consolidated score of **55** %

Online Assignments	20.83/25	Proctored Exam	34.5/75
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Total number of candidates certified in this course: 1155

Prof. G. L. Sivakumar Babu  
 Chairman, Center for Continuing Education  
 IISc Bangalore

Jan-Mar 2022  
 (8 week course)

Prof. L. Umanand  
 NPTEL Coordinator  
 IISc Bangalore

Indian Institute of Science Bangalore

Roll No: NPTEL22BT18533820177
To validate and check scores: <https://npTEL.ac.in/noc>

**Dayanand Science College, Latur.**  
**Department of Chemistry**  
**Events organized during the Academic year 2021-22**

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Action Taken Report of Swayam-NPTEL report Jan-April- 2022

**Dayanand Science College, Latur.**  
**Department of Chemistry**  
**Events organized during the Academic year 2021-22**

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Action Taken Report of Swayam-NPTEL report Jan-April- 2022

**Action Taken Report of Swayam-NPTEL Local Chapter 2021-22**

*(Conference/Workshop/Symposium/Seminar/Guest Lecture/Special Day Celebration/open day/Exhibition/welcome function/farewell function/Sport activities /NSS activities/ NCC activities/ Portfolio activities etc.)*

1. Name of the Department : Chemistry
2. Complete name/ title of the Activity : Online Swayam NPTEL course
3. Dates or Duration (from-----to) : Jan-April 2022
4. Venue of the Event : <https://npTEL.ac.in> Dayanand Science College, Latur
5. Sponsor/Collaborations (if any) : NPTEL IIT Madra, India, Maharashtra
6. Level of the event (encircle) : National

International / **National** / State / University / District / College / Department etc.

7. Purpose / aim / objective and outcome of the event:

**Objectives:**

- The students are developed, become skilled to do different online courses.
- To enhance skills and gain essential knowledge required for student's field or brushing up the basic key concepts.
- To build a strong resume and character ultimately grooming students to get easily absorbed in a cooperate life.

**Outcomes:**

- Students: credit transfer and better resume.
  - Faculty: Refresher courses, AICTE recognized FDP courses.
  - Working professionals: For upskilling and reskilling.
8. Beneficiaries / participants (Type/number, etc.):
  - Total of enrolled students: 42 pass: 02-
  9. Other major staff / student / Institution involved in the organization of the activity:
  - Principal, Vice-Principal, All Head of Department, Coordinator
  10. Any other information / comment / qualitative remarks:..
  11. Photograph / **certificate** submitted: **Yes----**
  12. Evidences produced (Certificate/news paper cutting /letter): **certificate**
  13. Name and signature of coordinator: Dr. R. S. Shinde

  
Coordinator

  
IQAC  
IQAC - Coordinator  
Dayanand Science College  
Latur, M.S. (INDIA)

  
Principal  
PRINCIPAL  
Dayanand Science College  
LATUR

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