



Learning Management System (NUgget)

<https://learn.niituniversity.in/#/signin>

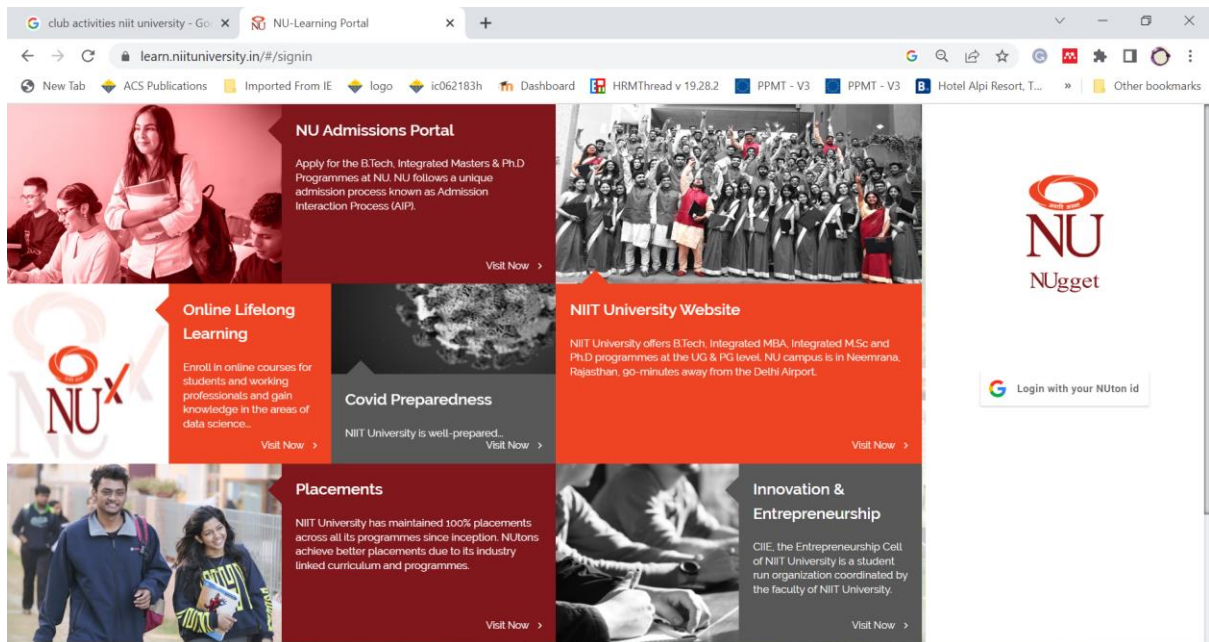


Figure 1: Institute LMS login page

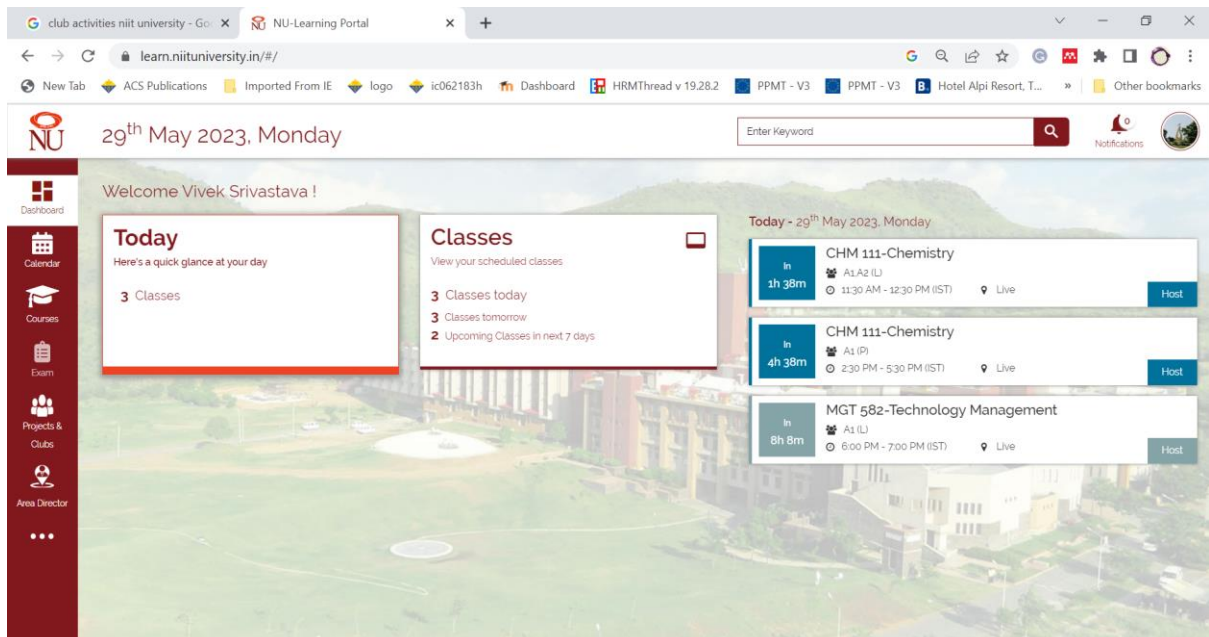


Figure 2: Schedule visible to faculty/student after login to LMS

NIIT UNIVERSITY

University Campus:

Neemrana, NH-8, Delhi-Jaipur Highway, District Alwar, Rajasthan-301706: Tel: 01494-660600

Website: www.niituniversity.in

Admission Office:

NIIT Building, Plot No. 85, Sector-32, 1st Floor, Industrial Area, Gurgaon-122001, Tel: 0124-4293000, Fax: 0124-4293333

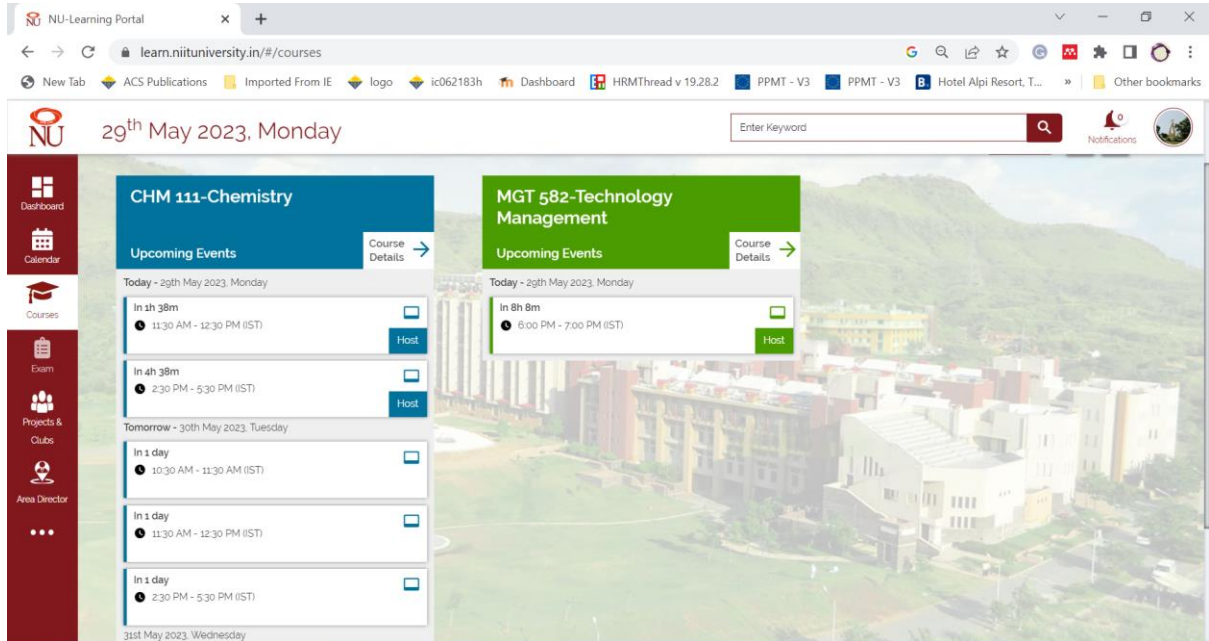


Figure 3: Course faculty takes or students register in current semester are visible in Courses tab after login

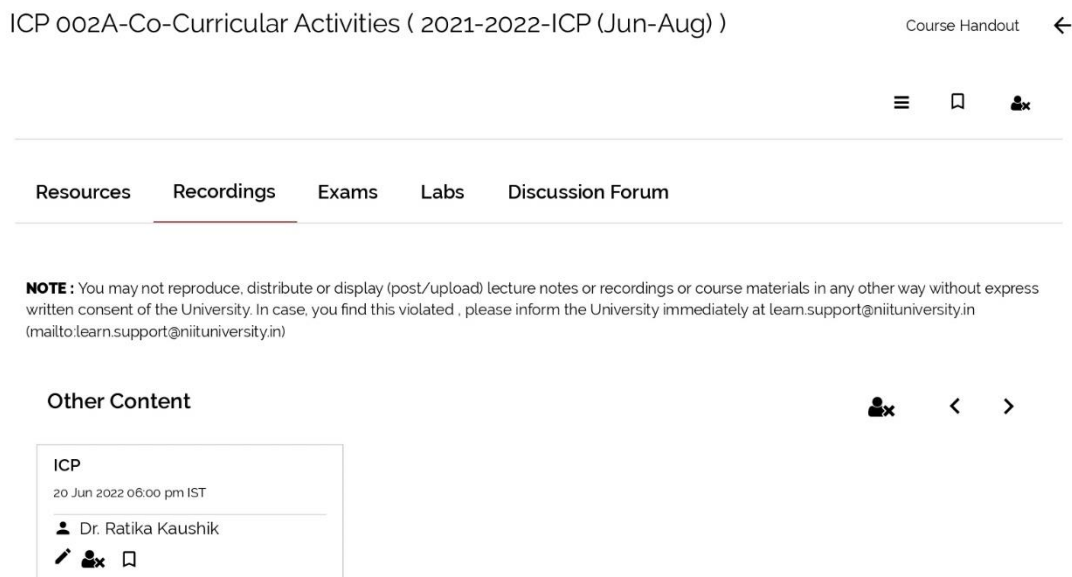


Figure 4: Screenshot of one Course

NIIT UNIVERSITY

University Campus:

Neemrana, NH-8, Delhi-Jaipur Highway, District Alwar, Rajasthan-301706: Tel: 01494-660600

Website: www.niituniversity.in

Admission Office:

NIIT Building, Plot No. 85, Sector-32, 1st Floor, Industrial Area, Gurgaon-122001, Tel: 0124-4293000, Fax: 0124-4293333

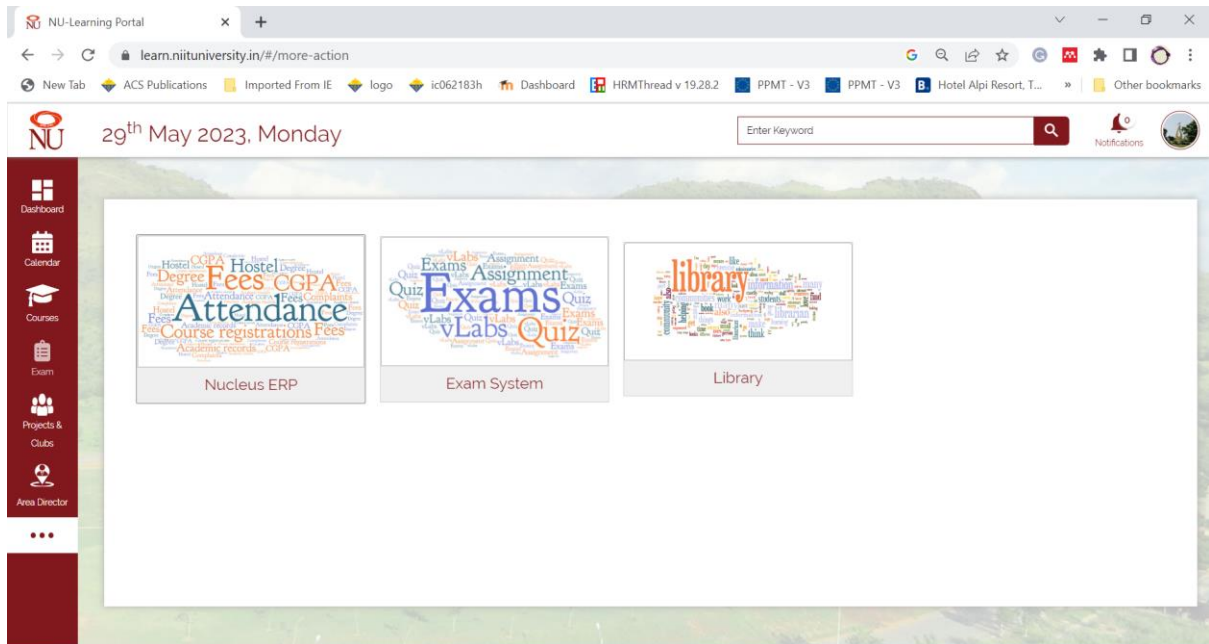


Figure 5: LMS is connected with ERP, Exam System and Library of Institute

NIIT UNIVERSITY

University Campus:

Neemrana, NH-8, Delhi-Jaipur Highway, District Alwar, Rajasthan-301706: Tel: 01494-660600

Website: www.niituniversity.in

Admission Office:

NIIT Building, Plot No. 85, Sector-32, 1st Floor, Industrial Area, Gurgaon-122001, Tel: 0124-4293000, Fax: 0124-4293333

Recordings of CHM 111 course on Institutional LMS (NUgget)

All courses are recorded automatically if classes are conducted online otherwise faculty can upload course contents. 8 screenshots attached below shows full recording page. Students

7/11/23, 3:48 PM

NU-Learning Portal

CHM 111-Chemistry (2021-2022-Semester II (Jan-Jun))

Course Handout <

☰ 📄 👤

Resources Recordings Exams Labs Discussion Forum Query (1)

NOTE : You may not reproduce, distribute or display (post/upload) lecture notes or recordings or course materials in any other way without express written consent of the University. In case, you find this violated, please inform the University immediately at learn.support@niituniversity.in (mailto:learn.support@niituniversity.in)

Other Content

👤 < >

<p>Spectroscopy Experiment 29 Mar 2022 01:30 pm IST</p> <p>👤 Vivek Srivastava</p> <p>✍️ 👤 📄</p>	<p>TLC experiment 14 Mar 2022 03:30 pm IST</p> <p>👤 Vivek Srivastava</p> <p>✍️ 👤 📄</p>	<p>Practical Functional group. 01 Mar 2022 01:30 pm IST</p> <p>👤 Vivek Srivastava</p> <p>✍️ 👤 📄</p>
--	---	--

<https://learn.niituniversity.in/#/courses>

1/8

7/11/23, 3:48 PM

NU-Learning Portal

Computational Molecular Biology- Bioinformatics introduction and Industrial Scope Searching and retrieval of Biological information from the www Database, Primary, secondary and structure database Sequence alignment: Pairwise and multiple Phylogenetic tree and their application. (In-Active)

👤 < >

<p>Discussion on Unit 2 10 Feb 2022 01:30 pm IST</p> <p>👤 Vivek Srivastava</p> <p>✍️ 👤 📄</p>	<p>Bioinformatics 28 Jan 2022 04:30 pm IST</p> <p>👤 Vivek Srivastava</p> <p>✍️ 👤 📄</p>	<p>Carbohydrates 20 Jan 2022 01:30 pm IST</p> <p>👤 Vivek Srivastava</p> <p>✍️ 👤 📄</p>
---	---	--

Recombinant DNA technology- Introduction to cell and Biomolecules (carbohydrates, Lipid protein and nucleic acid), Introduction to rDNA technology, techniques involved and applications. (MOOCs, Online contents and open tools). (In-Active)

👤 < >

<p>Unit-2 revision 04 Feb 2022 04:30 pm IST</p> <p>👤 Vivek Srivastava</p> <p>✍️ 👤 📄</p>	<p>Introduction to cell -B 14 Jan 2022 04:30 pm IST</p> <p>👤 Vivek Srivastava</p> <p>✍️ 👤 📄</p>
--	--

<https://learn.niituniversity.in/#/courses>

2/8

NIIT UNIVERSITY

University Campus:

Neemrana, NH-8, Delhi-Jaipur Highway, District Alwar, Rajasthan-301706: Tel: 01494-660600

Website: www.niituniversity.in

Admission Office:

NIIT Building, Plot No. 85, Sector-32, 1st Floor, Industrial Area, Gurgaon-122001, Tel: 0124-4293000, Fax: 0124-4293333

Recombinant DNA technology- Introduction to cell and Biomolecules (carbohydrates, Lipid protein and



Nucleic Acids
27 Jan 2022 01:30 pm IST
Vivek Srivastava
✎ 👤 🗨

Nucleic Acids and R DNA Techn...
21 Jan 2022 04:30 pm IST
Vivek Srivastava
✎ 👤 🗨

Computational Molecular Biology- Bioinformatics introduction and Industrial Scope Searching and retr



Gene
03 Feb 2022 01:30 pm IST
Vivek Srivastava
✎ 👤 🗨

Types of Reactions of Organic Compounds- Fission of Covalent bonds, Intermediate organic species based on Carbon, Types of organic reactions (Addition reaction, elimination reaction and substitution reaction), Thermodynamic and kinetic control of reactions. (In-Active)



Organic Chemistry UNit-1 B
04 Mar 2022 04:30 pm IST
Vivek Srivastava
✎ 👤 🗨

Organic chemistry
03 Mar 2022 01:30 pm IST
Vivek Srivastava
✎ 👤 🗨

Types of Reactions of Organic Compounds- Fission of Covalent bonds, Intermediate organic species bas



Organic chemistry unit-1
10 Mar 2022 01:30 pm IST
Vivek Srivastava
✎ 👤 🗨

Separation and Purification- Identification of Organic Compounds by Spectroscopic Techniques-Purification of organic compounds, classification of chromatography, Structural determination of organic compounds using Infra-red spectroscopy, UV-VIS spectroscopy, NMR (¹H, ¹³C). (In-Active)



NIIT UNIVERSITY

University Campus:

Neemrana, NH-8, Delhi-Jaipur Highway, District Alwar, Rajasthan-301706: Tel: 01494-660600

Website: www.niituniversity.in

Admission Office:

NIIT Building, Plot No. 85, Sector-32, 1st Floor, Industrial Area, Gurgaon-122001, Tel: 0124-4293000, Fax: 0124-4293333

Separation and Purification- Ide..
 11 Mar 2022 04:30 pm IST
 Vivek Srivastava
 ✎ 👤 📌

Separation and Purification- Identification of Organic Compounds by Spectroscopic Techniques- Purifi



UV-VIS and NMR
 25 Mar 2022 04:30 pm IST
 Vivek Srivastava
 ✎ 👤 📌

IR- UV
 24 Mar 2022 01:30 pm IST
 Vivek Srivastava
 ✎ 👤 📌

Oxidation and Reduction Reactions- Oxidation and reduction reaction and reagents in organic chemistry, Types of oxidizing and reducing reagents and their application for specific reactions with examples. (In-Active)



Oxidation Reaction
 31 Mar 2022 01:30 pm IST
 Vivek Srivastava
 ✎ 👤 📌

Oxidation and Reduction Reactions- Oxidation and reduction reaction and reagents in organic chemistr



Reduction Reaction
 01 Apr 2022 04:30 pm IST
 Vivek Srivastava
 ✎ 👤 📌

Photochemistry- Law of photochemistry- types of photo chemical reaction, photochemistry of carbonyl compounds (Norrish-I and II reaction), Photo rearrangements, Photochemical smog (formation of PAN and atmospheric pollution). (In-Active)



NIIT UNIVERSITY

University Campus:

Neemrana, NH-8, Delhi-Jaipur Highway, District Alwar, Rajasthan-301706: Tel: 01494-660600

Website: www.niituniversity.in

Admission Office:

NIIT Building, Plot No. 85, Sector-32, 1st Floor, Industrial Area, Gurgaon-122001, Tel: 0124-4293000, Fax: 0124-4293333

Photochemistry-1

21 Apr 2022 01:30 pm IST

 Vivek Srivastava

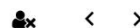

Supra Molecular Chemistry- Basic Concepts of Supramolecular, Molecular self-assembly, Molecular Recognition and Complexation, Template-directed synthesis, Mechanically-interlocked molecular architectures, Dynamic Covalent Chemistry, Molecular Imprinting Techniques, Concepts of Molecular Machines, Biomimetic, Applications- Development of New Materials, Efficient Catalysis, medicinal, Processing and data storage, and high-tech devices. (In-Active)


Supra molecular chemistry-1

28 Apr 2022 01:30 pm IST

 Vivek Srivastava


Nanoparticles and Nano materials- Properties and synthesis of nanoparticles and application of nanomaterials. (In-Active)


<https://learn.niituniversity.in/#/courses>

7/8

Nanoscience and Nanotechnolo...

29 Apr 2022 04:30 pm IST

 Vivek Srivastava


Green Chemistry- Introduction, tools of green chemistry, principals of green chemistry, evaluating the impact of green chemistry in chemical reaction, Evaluation of Methods to Design Safer Chemicals. (In-Active)


Green Chemistry

05 May 2022 01:30 pm IST

 Vivek Srivastava

<https://learn.niituniversity.in/#/courses>

8/8

NIIT UNIVERSITY

University Campus:

Neemrana, NH-8, Delhi-Jaipur Highway, District Alwar, Rajasthan-301706: Tel: 01494-660600

Website: www.niituniversity.in

Admission Office:

NIIT Building, Plot No. 85, Sector-32, 1st Floor, Industrial Area, Gurgaon-122001, Tel: 0124-4293000, Fax: 0124-4293333



Recordings of CHM 201 course on Institutional LMS (NUgget)

6 screenshots attached below shows full recording page.

7/11/23, 3:51 PM

NIU-Learning Portal

CHM 201-Thermodynamics (2021-2022-Semester I (Jul-Dec))

Course Handout ←



Resources Recordings Exams Labs Discussion Forum

NOTE : You may not reproduce, distribute or display (post/upload) lecture notes or recordings or course materials in any other way without express written consent of the University. In case, you find this violated, please inform the University immediately at learn.support@niituniversity.in (mailto:learn.support@niituniversity.in)

Thermodynamics basics



Thermodynamics rules
12 Aug 2021 04:00 pm IST
Vivek Srivastava
✎ 👤 📄

Thermodynamics Basics
05 Aug 2021 04:00 pm IST
Vivek Srivastava
✎ 👤 📄

<https://learn.niituniversity.in/#/courses>

1/5

7/11/23, 3:51 PM

NIU-Learning Portal

Thermodynamic concept in context with biological system and biological processes



Thermodynamic application in b...
19 Aug 2021 04:00 pm IST
Vivek Srivastava
✎ 👤 📄

Heat and Energy, Heat Capacities



Numericals
01 Sep 2021 03:00 pm IST
Vivek Srivastava
✎ 👤 📄

Heat, Energy and Heat Capacity
25 Aug 2021 03:00 pm IST
Vivek Srivastava
✎ 👤 📄

The law of thermodynamics and universe



<https://learn.niituniversity.in/#/courses>

2/5

NIIT UNIVERSITY

University Campus:

Neemrana, NH-8, Delhi-Jaipur Highway, District Alwar, Rajasthan-301706: Tel: 01494-660600

Website: www.niituniversity.in

Admission Office:

NIIT Building, Plot No. 85, Sector-32, 1st Floor, Industrial Area, Gurgaon-122001, Tel: 0124-4293000, Fax: 0124-4293333

Numericals
26 Aug 2021 04:00 pm IST
Vivek Srivastava
✎ 👤 📄

Energy metabolism



Energy Metabolism
08 Sep 2021 03:00 pm IST
Vivek Srivastava
✎ 👤 📄

Heat Engines



Heat Engines
09 Sep 2021 04:00 pm IST
Vivek Srivastava
✎ 👤 📄

Protein denaturation



Protein thermodynamics
22 Sep 2021 03:00 pm IST
Vivek Srivastava
✎ 👤 📄

Protein Thermodynamics
16 Sep 2021 04:00 pm IST
Vivek Srivastava
✎ 👤 📄

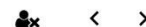
Protien Thermodynamics
15 Sep 2021 03:00 pm IST
Vivek Srivastava
✎ 👤 📄

Enthalpy



Discussion
23 Sep 2021 04:00 pm IST
Vivek Srivastava
✎ 👤 📄

Application to Biochemical, Metabolic reaction and stability of Biomolecutes (DNA and protein stabil



NIIT UNIVERSITY




University Campus:




Neemrana, NH-8, Delhi-Jaipur Highway, District Alwar, Rajasthan-301706: Tel: 01494-660600




Website: www.niituniversity.in

Admission Office:

NIIT Building, Plot No. 85, Sector-32, 1st Floor, Industrial Area, Gurgaon-122001, Tel: 0124-4293000, Fax: 0124-4293333




Enzymes Metabolism
28 Oct 2021 04:00 pm IST
Vivek Srivastava
  

ATP Transport
27 Oct 2021 03:00 pm IST
Vivek Srivastava
  

Application to Biochemical, Met...
20 Oct 2021 03:00 pm IST
Vivek Srivastava
  

Muscle contraction and molecular motors



Motor muscles and Thermodyna...
01 Dec 2021 03:00 pm IST
Vivek Srivastava
  

NIIT UNIVERSITY

University Campus:

Neemrana, NH-8, Delhi-Jaipur Highway, District Alwar, Rajasthan-301706: Tel: 01494-660600

Website: www.niituniversity.in

Admission Office:

NIIT Building, Plot No. 85, Sector-32, 1st Floor, Industrial Area, Gurgaon-122001, Tel: 0124-4293000, Fax: 0124-4293333