



R. C. Patel Educational Trust's
R. C. Patel Arts, Commerce and Science College
Shirpur-425405, Karvand Naka, Dist.- Dhule (Maharashtra)
E-mail - principal@rcpasc.ac.in

Affiliated to: K. B. C. North Maharashtra University, Jalgaon-425001

Self Study Report (SSR): 2024 (4th Cycle)



Criteria - 6
Governance, Leadership and Management

Key Indicator - 6.3
Faculty Empowerment Strategies

Metric No. - 6.3.3 (QnM)

Percentage of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years

Submitted to
National Assessment and Accreditation Council, Bangalore



R. C. Patel Educational Trust's

R. C. Patel Arts, Commerce and Science College

Karvand Naka, Shirpur 425405, Dist - Dhule, Maharashtra

☎: (02563) 299328

E-mail: principal@rcpasc.ac.in

President

Hon. Bhupeshbhai Patel

Principal

Dr. D. R. Patil

Date: 15/06/2024

Declaration

This is to declare that, the information, reports, true copies of the supporting documents, numerical data etc. submitted in these files is verified by Internal Quality Assurance Cell (IQAC) and it is correct as per the office record.

This declaration is for the purpose of NAAC accreditation of the HEI for the 4th cycle assessment period 2018-19 to 2022-23.

Place: Shirpur

Date: 15/06/2024

Dr. Sandip P. Patil
IQAC Co-ordinator
IQAC Coordinator

R. C. Patel Educational Trust's
R. C. Patel Arts, Commerce and Science College
Shirpur, Dist.-Dhule (M.S.) 425405



Dr. D. R. Patil
IQAC Chairman & Principal
PRINCIPAL

R. C. Patel Educational Trust's
R. C. Patel Arts, Commerce and Science College
Shirpur, Dist.-Dhule (M.S.) 425405

Participation In The F. D. P. /M. D. P./ Professional Development /

Administrative Training Program

For The Year 2021-22

INDEX

Sr. No.	Name of the Participant	Participation in the F.D.P. /M.D.P./ Professional Development / Administrative Training Program
1.	Dr. Ramakant A. Chaudhari	Coursera: Introduction to Data Analysis Using Microsoft Excel
2.	Dr. Arun M. Patil	AICTE Orientation Programme Recent trends in Nano Technology
3.	Miss. Aparna V. Jagtap	Coursera: Data Science Maths Skill
4.	Dr. Bhanudas S. Panchbhai	Online FDP on Leadership and Excellence in Higher Education
5.	Mr. Dipak E. Chavhan	Coursera: Applied Machine Learning in Python
6.	Dr. Ramesh D. Jadhav	Online FDP on Leadership and Excellence in Higher Education
7.	Dr. Jyoti P. Mahashabde	Coursera: The Science of Well - Being
8.	Mr. Vijay S. Patil	Coursera: Chemicals and Health
9.	Dr. Arun M. Patil	Online FDP on Innovation in Applied Research on Science and Technology
10.	Mr. Dipak E. Chavhan	Online FDP on Leadership and Excellence in Higher Education
11.	Dr. Jyoti P. Mahashabde	International FDP on Research Methodology
12.	Mr. Kartik B. Rokade	Coursera: English for Career Development
13.	Mr. Kantilal A. Pawara	Coursera: Chemicals and Health
14.	Dr. Arun M. Patil	Coursera: How things work: An Introduction to Physics
15.	Miss. Shweta R. Upadhyay	National FDP: ICT Tool for Teaching Learning
16.	Mrs. Harsha D. Pardeshi	Coursera: Antimicrobial resistance - Theory and Methods
17.	Dr. Ratneshwar C. Bhavsar	Online FDP on Leadership and Excellence in Higher Education
18.	Dr. Milind B. Bachute	Coursera: Successful Presentation
19.	Miss. Shweta R. Upadhyay	Coursera: Science to Exercise
20.	Dr. Jyoti P. Mahashabde	Online FDP on Stress Management
21.	Mrs. Pratima V. Jain	Coursera: Derivatives- Options and Futures
22.	Miss. Varsha D. Jayswal	Online FDP on Leadership and Excellence in Higher Education
23.	Dr. Shubhangi G. Pingle	Coursera: Business Analysis and Process Management
24.	Mrs. Harsha D. Pardeshi	Online FDP on Leadership and Excellence in Higher Education
25.	Miss. Priyanka B. Sonawane	Coursera: The Science of Well - Being

26.	Mr. Anand J. Maheshwari	Coursera: Introduction to Designing Data Lakes on AWS
27.	Dr. Ramesh D. Jadhav	Online Refresher Course in History
28.	Dr. Leena P. Shirsath	Coursera: Access Bioinformatics Databases with Biopython
29.	Dr. Mahesh P. Patil	Online FDP on Leadership and Excellence in Higher Education
30.	Mr. Shubham V. Yadav	Coursera:SARS-CoV-2 Protein modelling and drug docking
31.	Miss. Anjum E. Quazi	FDP On Advanced Material for Future Science
32.	Dr. Sandip P. Patil	Coursera: Introduction to Algae
33.	Dr. Mahendra C. Aagale	Online FDP on Leadership and Excellence in Higher Education
34.	Dr. Ravindra H. Patil	Coursera: Fundamentals of Immunology : Innate Immunity and B-Cell Function
35.	Dr. Sanjay G. Bachhav	FDP On Research Essentials
36.	Dr. Raghunath P. Mahajan	Coursera: Introduction to Calculus
37.	Dr. Mohini P. Patil	Online FDP on Leadership and Excellence in Higher Education
38.	Mrs. Shital N. Tawade	Coursera: Algae Biotechnology
39.	Miss. Priyanka B. Sonawane	National FDP: ICT Tool for Teaching Learning
40.	Dr. Shubhangi G. Pingle	Online International FDP On Challenges in Multidisciplinary Research
41.	Dr. Vandana M. Patil	Coursera: Paleontology: Early Vertebrate Evolution
42.	Mr. Shubham V. Yadav	Online FDP on Leadership and Excellence in Higher Education
43.	Mr. Shaikh Sajid S.A.	Coursera: Motors and Motors Control Circuits
44.	Mrs. Kinnari M. Patil	AICTE Orientation Programme Recent trends in Nano Technology
45.	Mrs. Amruta A. Joshi	Coursera: SARS- CoV-2 Proteins Modelling and Drug Docking
46.	Dr. Milind B. Bachute	National FDP: ICT Tool for Teaching Learning
47.	Mrs. Ashwini C. Patil	Coursera: Understanding Plants: Part-2: Fundamentals of Plant Biology
48.	Mrs. Shweta R. Upadhyay	FDP On Advanced Material for Future Science
49.	Dr. Ramesh D. Jadhav	Coursera: The Modern World, Part-1 : Global History from 1760 to 1910
50.	Dr. Sanjay G. Bachhav	Online FDP On Leadership and Excellence in Higher Education
51.	Dr. Sandip .P. Patil	NPTEL Online Certification: Biochemistry
52.	Mrs. Kinnari M. Patil	FDP On Advanced Material for Future Science
53.	Mr. Chandrashekhar A. Bhavsar	Coursera: Metrics Algebra For Engineers
54.	Dr. Pralhad Y. Magare	Coursera: From Climate Science to Action
55.	Dr. Rajnikant V. Sonar	Coursera: Moralities of Everyday Life
56.	Dr. Ravindra H. Patil	Online FDP on Leadership and Excellence in Higher Education
57.	Dr. Kamlakar R. Patil	Coursera : Write Professional Emails in English
58.	Dr. Raghunath P. Mahajan	Online FDP on Crypto Currency and Blockchain Technology
59.	Dr. Bhanudas S. Panchbhai	Coursera: Foundations of Project Management

60.	Dr. Sudhakar S. Chaudhari	Coursera: Feminism and Social Justice
61.	Dr. Bharat D. Patil	Coursera: The Science of Well - Being
62.	Dr. Avinash A. Patil	Coursera: Introduction to Semiconductor Devices 1
63.	Dr. Sandip P. Patil	Online FDP on Productivity Enhancement through effective stress management
64.	Dr. Ramsing R. Vasave	Coursera: Citizenship & The Rule of Law
65.	Dr. Anita B. Jadhav	Coursera: Create a Glossary in Microsoft Word
66.	Mr. Anand J. Maheshwari	Online FDP on AI and M.L: Researc and application perspectivce
67.	Dr. Anil G. Sonawane	Coursera: Fundamentals of Financial & Management Accounting
68.	Mr. Sunil D. Mone	Online FDP on AI. In Design and Manufacturing
69.	Mr. Ashok V. Tirthap	Coursera: Word forms and simple present tense
70.	Mrs. Gayatri R. Bhavsar	Coursera: Introductory Human Physicology
71.	Miss. Anjum E. Quazi	Coursera: Exploring Renewable Energy Schemes
72.	Dr. Leena P. Shirsath	Online FDP on Leadership and Excellence in Higher Education
73.	Dr. Sanjay G. Bachhav	Coursera: Introduction to AI.



Introduction to Data Analysis using Microsoft Excel
Courseera Project Network

Project Material

Project

Grades

Notes

Discussion Forums

Messages 3

Project Info

deadlines.

Reset my deadlines

Introduction to Data Analysis using Microsoft Excel

by Courseera Project Network

About this Project

In this project, you will learn the foundation of data analysis with Microsoft Excel using sales data from a sample company. You will learn how to use sorting and filtering tools to reorganize your data and access specific information about your data. You will also learn about the use of functions like IF and VLOOKUP functions to create new data and relate data from different tables. Finally, you will learn how to

More



Taught by: **Paula Del Rey**, Subject Matter Expert
Freedom Learning Group

Level	Intermediate
Commitment	2 hours
Language	English, Subtitles: Vietnamese
How To Pass	Pass all graded assignments to complete the guided project.
User Ratings	★★★★☆ Average User Rating 4.7

Syllabus

Project 1

Project Overview

In this project, you will learn the foundation of data analysis with Microsoft Excel using sales data from a sample company. You will use sorting and filtering tools, IF and VLOOKUP functions, and PivotTables.

1 video, 2 readings [expand](#)



Introduction to Data Analysis using
Microsoft Excel
Coursera Project Network

Project Material

Project

Grades

Notes

Discussion Forums

Messages 3

Project Info

<p>How to Pass</p>	<p>How to grade assignments to complete the graded project.</p>
<p>☆ User Ratings</p>	<p>★★★★☆ Average User Rating 4.7</p>

Syllabus

Project 1

Project Overview

In this project, you will learn the foundation of data analysis with Microsoft Excel using sales data from a sample company. You will use sorting and filtering tools, IF and VLOOKUP functions, and PivotTables.

📄 1 video, 2 readings [expand](#)

📝 **Graded:** Assess Your Knowledge

How It Works

General

How do I pass?

To earn your Certificate, you'll need to earn a passing grade on each of the required assignments—these can be quizzes, peer-graded assignments, or programming assignments. Videos, readings, and practice exercises are there to help you prepare for the graded assignments.

What do start dates and end dates mean?

Once you enroll, you'll have access to all videos, readings, quizzes, and programming assignments (if applicable). If you choose to explore the content without purchasing, you may not be able to access certain assignments. If you don't finish all graded assignments before the end of the session, you can reset your deadlines. Your progress will be saved and you'll be able to pick up where you left off.

What are due dates? Is there a penalty for submitting my work after a due date?



Feb 9, 2022

Ramakant Ambadas Chaudhari

has successfully completed

Introduction to Data Analysis using Microsoft Excel

an online non-credit course authorized by Coursera Project Network and offered through Coursera



Paula Del Rey

Paula Del Rey
Subject Matter Expert
Freedom Learning Group

**COURSE
CERTIFICATE**



Verify at:
coursera.org/verify/MUPY6RRP6S5F
Coursera has confirmed the identity of this individual and their participation in the course.

 <p>AICTE-ISTE INDUCTION/REFRESHER PROGRAMMES – 2021-22</p> <p>Pravara Rural Engineering College, Loni, Web: www.pravaraengg.org.in, www.pravara.in</p> <p>Cordially invites you for THE INAUGURAL FUNCTION AICTE-ISTE FDP/Refresher Program on Recent Trends in Nanotechnology (28 Dec. 2021 to 03 Jan. 2022)</p> <table border="0"><tr><td>Presided by Col B Venkat, Director (Faculty Development) AICTE, New Delhi</td><td>Special Address by Dr. Pratapsinh Desai President (ISTE), New Delhi</td></tr></table> <p>INAUGURATION</p> <table border="0"><tr><td>Principal Address Dr. S.M. Gulhane Principal, PREC, Loni</td><td>Program Overview Mr. A. P. Londhe Coordinator of Program</td></tr></table> <p>Time: 28th December 2021 at 9:15 AM Online mode</p>	Presided by Col B Venkat, Director (Faculty Development) AICTE, New Delhi	Special Address by Dr. Pratapsinh Desai President (ISTE), New Delhi	Principal Address Dr. S.M. Gulhane Principal, PREC, Loni	Program Overview Mr. A. P. Londhe Coordinator of Program	 <p>PROGRAMME SCHEDULE 9:30 AM TO 10:30 AM</p> <ul style="list-style-type: none">❖ Welcome note by Mr. S.R. Nimbalkar. (3 min)❖ Inauguration by Dr. Col B Venkat (Director FDP Cell AICTE) and Dr. Pratapsinh Desai President (ISTE), ISTE. (3 min)❖ Program Overview by Mr. A. P. Londhe (Coordinator). (05 min)❖ Guest Address by Dr. Pratapsinh Desai, President (ISTE). (15 min)❖ Principal Address by Dr. S.M. Gulhane. (10 min)❖ Presidential Address by Dr. Col B Venkat (Director FDP Cell AICTE) (15 min)❖ Vote of thanks by Mr. R.V. Tambe. (2 min)
Presided by Col B Venkat, Director (Faculty Development) AICTE, New Delhi	Special Address by Dr. Pratapsinh Desai President (ISTE), New Delhi				
Principal Address Dr. S.M. Gulhane Principal, PREC, Loni	Program Overview Mr. A. P. Londhe Coordinator of Program				

Steering Committee

Chief Patron

Hon. Namdar Shri Radhakrishna Vikhe Patil
Ex Minister, Govt of Maharashtra
Chairman,
Loknete Dr. Balasaheb Vikhe Patil (Padma Bhushan Awardee)
Pravara Rural Education Society, Pravaranagar

Hon. Sau. Shalinitai Vikhe Patil
Ex. President & Member, Z.P. Ahmednagar.

Dr. Shivanand Hiremath
Additional, CEO,
Loknete Dr. Balasaheb Vikhe Patil (Padma Bhushan Awardee)
Pravara Rural Education Society, Pravaranagar.

PREC Advisory Committee

Dr. S. M. Gulhane
Principal

Dr. L. B. Abhang
Registrar

Dr. Y. R. Kharde
Dept. of Mech. Engg.

Dr. M. R. Bendre
Dept. of Comp. Engg.

Dr. B. L. Pangarkar
Coordinator R & D

Dr. A. R. Warade
Training and placement officer

AICTE Advisory Committee

Prof. A. D. Sahasrabudhe
(Chairman, AICTE)

Dr. M. P. Poonia
(Vice-Chairman, AICTE)

ISTE Advisory Committee

Dr. P. K. Desai
(President, ISTE)

Prof. V. D. Vaidya
(Executive Secretary, ISTE)

SPPU Advisory Committee

Dr. N. R. Karmalkar
(Vice-Chancellor, SPPU, Pune)

Dr. P. A. Pawar
(Registrar, SPPU, Pune)

Coordinator

Mr. A. P. Londhe
(Head, Engineering Science)
PREC, Loni,
Contact: 9850209643
Email Id: londheap@pravaraengg.org.in

Organizing Committee

Mr. B.R.Mhaske (Co-Coordinator)
Contact: 9503501637
Email Id: mhaskebr@pravaraengg.org.in

Mr. R. V. Tambe
Mr. S. R. Nimbalkar
Ms. K. M. Baste
Ms. R. R. Gore
Mr. A. R. Parhad

Mr. R. B. Thete
Mrs. P. M. Tayade
Mr. S. S. Pandharkar
Ms. A. S. Pawar
Mr. K. N. Zamare

Registration Link

<https://forms.gle/ZITw9NZkGvyYXHNA>

No registration fees (Limited Seats-Max.100)



LOKNETE DR. BALASAHEB VIKHE PATIL
(PADMA BHUSHAN AWARDEE)
PRAVARA
RURAL EDUCATION
SOCIETY
PRAVARANAGAR



One-Week AICTE-ISTE Approved
FDP / Refresher Program

on

Recent Trends in Nanotechnology

(Online Mode)

During
28th Dec 2021 to 3rd Jan 2022

Organized by
Loknete Dr. Balasaheb Vikhe Patil (Padma Bhushan Awardee)
Pravara Rural Education Society's

PRAVARA RURAL ENGINEERING COLLEGE, LONI

Department of Engineering Science

Pin: 413736, Tel: (02422) 273204/539
E-mail: principal@pravaraengg.org.in,
[Website: pravaraengg.org.in](http://www.pravaraengg.org.in)





Certificate



This is to certify that **DR. ARUN MADHUKAR PATIL** has successfully completed the AICTE-ISTE approved Orientation/Refresher Programme on “**Recent Trends in Nanotechnology**” held during **28.12.2021** to **03.01.2022** organized by **Pravara Rural Engineering College, Loni, Maharashtra.**

Director (FDC)
AICTE, ND

Executive Secretary
ISTE, ND

Program Coordinator
PREC, Loni

Principal
PREC, Loni

Miss Aparna Vijay Jagtap

coursera

Search in course

Search

English



A



Data Science Math Skills
Duke University

Course Material

- ✓ Module 1
- ✓ Module 2
- ✓ Module 3
- ✓ Module 4
- ✓ Module 5

Grades

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Course Info

Data Science Math Skills

by Duke University

About this Course

Data science courses contain math—no avoiding that! This course is designed to teach learners the basic math you will need in order to be successful in almost any data science math course and was created for learners who have basic math skills but may not have taken algebra or pre-calculus. Data Science Math Skills introduces the core math that data science is built upon, with no

More



Taught by:

Daniel Egger, Executive in Residence and Director, Center for Quantitative Modeling
Pratt School of Engineering, Duke University



Taught by:

Paul Bendich, Assistant research professor of Mathematics; Associate Director for Curricular Engagement at the Information Initiative at Duke
Mathematics

✓ Level	Beginner
🕒 Commitment	Four weeks, 3-5 hours per week.
💬 Language	English, Subtitles: Arabic, French, Bengali, Ukrainian, Chinese (Simplified), Greek, Italian, Portuguese (Brazil), Vietnamese, Dutch, Korean, German, Pashto, Urdu, Russian, Thai, Indonesian, Swedish, Turkish, Azerbaijani, Spanish, Dari, Hindi, Japanese, Kazakh, Hungarian, Polish
🎓 How To Pass	Pass all graded assignments to complete the course.
★ User Ratings	★★★★☆ Average User Rating 4.5



Data Science Math Skills
Duke University

Course Material

- Module 1
- Module 2
- Module 3
- Module 4
- Module 5

Grades

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Resources

Course Info

Syllabus

Module 1

Welcome to Data Science Math Skills

This short module includes an overview of the course's structure, working process, and information about course certificates, quizzes, video lectures, and other important course details. Make sure to read it right away and refer back to it whenever needed

1 video, 2 readings [expand](#)

Module 2

Building Blocks for Problem Solving

This module contains three lessons that are build to basic math vocabulary. The first lesson, "Sets and What They're Good For," walks you through the basic notions of set theory, including unions, intersections, and cardinality. It also gives a real-world application to medical testing. The second lesson, "The Infinite World of Real Numbers," explains notation we use to discuss intervals on the real number line. The module concludes with the third lesson, "That Jagged

[More](#)

10 videos, 4 readings, 3 practice quizzes [expand](#)

Graded: Graded quiz on Sets, Number Line, Inequalities, Simplification, and Sigma Notation

Module 3

Functions and Graphs

This module builds vocabulary for graphing functions in the plane. In the first lesson, "Descartes Was Really Smart," you will get to know the Cartesian Plane, measure distance in it, and find the equations of lines. The second lesson introduces the idea of a function as an input-output machine, shows you how to graph functions in the Cartesian Plane, and goes over important vocabulary.

8 videos, 3 readings, 2 practice quizzes [expand](#)

Graded: Graded quiz on Cartesian Plane and Types of Function





Sep 28, 2020

Aparna Vijay Jagtap

has successfully completed

Data Science Math Skills

an online non-credit course authorized by Duke University and offered through Coursera

**COURSE
CERTIFICATE**



Daniel Egger
Executive in Residence and Director,
Center for Quantitative Modeling
Pratt School of Engineering

Paul Bendich
Assistant research professor of Mathematics
Associate Director for Curricular Engagement at the Information Initiative at Duke
Mathematics

Verify at:
<https://coursera.org/verify/E94L3AJZ6CC7>

Coursera has confirmed the identity of this individual and their participation in the course.



AICTE Training and Learning (ATAL) Academy

Sponsored
Faculty Development Programme on
“Leadership and Excellence
in Higher Education”

23rd - 27th August 2021



Organized by

Department of Microbiology
& Biotechnology

In Association with

Internal Quality Assurance Cell (IQAC)

R. C. Patel Educational Trust's

R. C. Patel Arts, Commerce &
Science College,
Shirpur-425405 (Maharashtra)

(02563) 299328

contact@rcpasc.ac.in

Registration

No registration fee

1. Participants need to register with basic details and choose Role as Participant on ATAL Portal (<https://atalacademy.aicte-india.org/signup>)
2. After successful registration, participant will get one verification email and OTP, on provided email and phone respectively.
3. Once participant verifies the email, he/she will be able to login to the ATAL Portal.
4. After login, Participants will see the “General Details” form. Filling this form is mandatory before applying for workshop.
5. Participants can see workshop on, “Leadership and Excellence in Higher Education” created by the Coordinator, R. C. Patel Arts, Commerce & Science College, Shirpur by clicking on the “Workshops” tab on left side menu.
6. Participant can apply for the workshop, by clicking on the plus (+) button. Once he/she applied successfully, one popup will be displayed, mentioning “Applied Successfully”.

Targeted Participants : The faculty members of the AICTE/UGC approved institutions, Research scholars, PG Scholars, participants from Government, Industry (Bureaucrats/ Technicians /Participants from Industry etc.)/School Teachers and staff of host institutions.

The seats are limited to 200 candidates. The preference will be on first-come-first-serve basis. The intimation regarding selection will be sent to the candidates on their ATAL participant portal as well as by email. On completion of the programme the certificates will be awarded to those participants who have attended the program with minimum 80% attendance and scored minimum 60% marks in the test. The programme will be conducted online using video conferencing application **ZOOM**.

Our Patrons



Hon. Shri. Amrishbhai
R. Patel



Hon. Shri. Bhupeshbhai
R. Patel



Hon. Shri. Rajgopal
C. Bhandari



Hon. Prin. Dr. K. B.
Patil

Convener & Chairman

Dr. Dilip R. Patil
Principal

Co-ordinator

Dr. Sandip P. Patil
Head, Microbiology Department

Organizing Secretary

Dr. Ravindra H. Patil
Head, Biotechnology Department

Organizing Committee

Prof. Dr. A. M. Patil
(Vice-Principal)

Prof. Mahesh Patil

Dr. Mohini Patil

Prof. Ashwini Patil

Prof. Varsha Jayaswal

Prof. Shubham Yadav

Mr. Sanjay More

Mr. D. U. Patel

Mr. Mehul Gujrathi

Dr. R. D. Jadhav
(Vice-Principal)

Dr. Leena Shirsath

Prof. Amruta Joshi

Prof. Harsha Pardeshi

Prof. Vishakha Doke

Mr. Ganesh Sonar

Mr. B. T. Chaudhari

Mr. Sandesh Rajput

Mr. Laxmikant More

About the Institute

The R. C. Patel education trust provides primary, secondary and tertiary education at elementary to advanced level in humanities, management and science including technical and professional courses. The R. C. Patel Arts, Commerce and Science College, Shirpur was established in 1991 by the trust.

R. C. Patel Arts, Commerce and Science College, Shirpur is located in rural tribal area, working with a vision to be pre-eminent institute which bring out the best among the students. The college is Grant-in-aid college sanctioned by Maharashtra state and also runs several self-financing courses. college is permanently affiliated to Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon (Maharashtra) and received 2 (F) and 12 (B) status of University Grant Commission (UGC), New Delhi. College also received Gujarati Minority Status and caters to the higher educational needs of students belonging to rural and semi urban area for last 30 years.

Our Vision

- To be a pre-eminent educational institute where teaching and learning brings out the best in the students.

Our Mission

- To impart the quality education to the students especially to the socially

economically backward students from the middle class in the vicinity with a view that education will make them economically independent.

- To enable our students to face the unknown situations and to make them strong to face the problems of the rapidly changing and increasingly complex world.
- To make our students responsible, sensitive, socially committed and to develop in them spiritual insight and the ideas of patriotism, democracy, secularism, socialism and peace.

Content of FDP to be covered

- Time and energy management
- Effective communication skills
- Goal Setting
- Leading innovation
- Learning Styles for Career Development
- Management Skills
- The positive workplace : A challenge for leader
- Using power effectively : A toolkit for leaders
- Women in leadership
- A way to become a great leader
- Critical thinking
- Importance of listening skills in leadership
- Team development: a challenge for leader
- Building organizational cultures : A framework for leaders.

Detail Session Time-table

Day - 1 : 23/08/2021	
Inauguration	10:00 - 12:00
Session - 1	12:00 - 02:00
Lunch Brake	02:00 - 03:00
Session - 2	03:00 - 05:00

24/08/2021 to 27/08/2021	
Session - 1	10:00 - 12:00
Session - 2	12:00 - 02:00
Lunch Brake	02:00 - 03:00
Session - 3	03:00 - 05:00

Address for Correspondence

Dr. Sandip P. Patil

Email: patilsandip3@gmail.com
Mob. No.: 9881392185 / 9284478255

Dr. Ravindra H. Patil

Email: ravi_nmuh@yahoo.co.in
Mob. No.: 9881921570 / 9403911980

Important Dates

Last Date of registration : 12th August 2021
Intimation for selection : 16th August 2021
Workshop Dates : 23rd to 27th August 2021
Workshop Time : 10:00 am - 5:00 pm
(3 Sessions each day)





ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

AICTE Training and Learning (ATAL) Academy

Certificate

This is certified that **Bhanudas Suresh Panchabhai**, Assistant Professor of **R.C.Patel Arts Science Commerce College Shirpur** participated & completed successfully AICTE Training And Learning (ATAL) Academy **OnlineElementary FDP on "Leadership and Excellence in Higher Education"** from **23/08/2021 to 27/08/2021** at **RCPET's R. C. Patel Arts, Commerce and Science College, Shirpur**.

Advisor-I, ATAL Academy
Mamta Rani Agarwal



Coordinator



Applied Machine Learning in Python
University of Michigan

Course Material

- ✓ Module 1
- ✓ Module 2
- ✓ Module 3
- ✓ Module 4

Grades

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Discussion Forums

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Resources

Course Info

Applied Machine Learning in Python

by University of Michigan

About this Course

This course will introduce the learner to applied machine learning, focusing more on the techniques and methods than on the statistics behind these methods. The course will start with a discussion of how machine learning is different than descriptive statistics, and introduce the scikit learn toolkit through a tutorial. The issue of dimensionality of data will be discussed, and the task of clustering data, as

More



Taught by: **Kevyn Collins-Thompson**, Associate Professor
School of Information

Basic Info	Course 3 of 5 in the Applied Data Science with Python Specialization
Level	Intermediate
Language	English, Subtitles: Arabic, French, Bengali, Ukrainian, Chinese (Simplified), Greek, Italian, Portuguese (Brazil), Dutch, Korean, German, Pashto, Urdu, Russian, Thai, Indonesian, Swedish, Turkish, Azerbaijani, Spanish, Dari, Hindi, Japanese, Kazakh, Hungarian, Polish
How To Pass	Pass all graded assignments to complete the course.
User Ratings	★★★★☆ Average User Rating 4.6



Applied Machine Learning in Python
University of Michigan

Course Material

- ✓ Module 1
- ✓ Module 2
- ✓ Module 3
- ✓ Module 4

Grades

Notes

Discussion Forums

Messages

Resources

Course Info

Syllabus

Module 1

Module 1: Fundamentals of Machine Learning - Intro to SciKit Learn

This module introduces basic machine learning concepts, tasks, and workflow using an example classification problem based on the K-nearest neighbors method, and implemented using the scikit-learn library.

6 videos, 4 readings [expand](#)

Graded: Module 1 Quiz

Graded: Assignment 1 Submission

Module 2

Module 2: Supervised Machine Learning - Part 1

This module delves into a wider variety of supervised learning methods for both classification and regression, learning about the connection between model complexity and generalization performance, the importance of proper feature scaling, and how to control model complexity by applying techniques like regularization to avoid overfitting. In addition to k-nearest neighbors, this week covers linear regression (least-squares, ridge, lasso, and polynomial regression), logistic regression, support vector

[More](#)

12 videos, 2 readings [expand](#)

Graded: Module 2 Quiz

Graded: Assignment 2 Submission

M UNIVERSITY OF MICHIGAN

Mar 10, 2022

Chavan Dipak Eknath

has successfully completed

Applied Machine Learning in Python

an online non-credit course authorized by University of Michigan and offered through Coursera



Kevyn Collins-Thompson
Associate Professor
School of Information

COURSE
CERTIFICATE



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<https://coursera.org/verify/D2WKS76HPF8D>

Coursera has confirmed the identity of this individual and their participation in the course.



AICTE Training and Learning (ATAL) Academy

Sponsored
Faculty Development Programme on
“Leadership and Excellence
in Higher Education”

23rd - 27th August 2021



Organized by

Department of Microbiology
& Biotechnology

In Association with

Internal Quality Assurance Cell (IQAC)

R. C. Patel Educational Trust's

R. C. Patel Arts, Commerce &
Science College,
Shirpur-425405 (Maharashtra)

(02563) 299328

contact@rcpasc.ac.in

Registration

No registration fee

1. Participants need to register with basic details and choose Role as Participant on ATAL Portal (<https://atalacademy.aicte-india.org/signup>)
2. After successful registration, participant will get one verification email and OTP, on provided email and phone respectively.
3. Once participant verifies the email, he/she will be able to login to the ATAL Portal.
4. After login, Participants will see the “General Details” form. Filling this form is mandatory before applying for workshop.
5. Participants can see workshop on, “Leadership and Excellence in Higher Education” created by the Coordinator, R. C. Patel Arts, Commerce & Science College, Shirpur by clicking on the “Workshops” tab on left side menu.
6. Participant can apply for the workshop, by clicking on the plus (+) button. Once he/she applied successfully, one popup will be displayed, mentioning “Applied Successfully”.

Targeted Participants : The faculty members of the AICTE/UGC approved institutions, Research scholars, PG Scholars, participants from Government, Industry (Bureaucrats/ Technicians /Participants from Industry etc.)/School Teachers and staff of host institutions.

The seats are limited to 200 candidates. The preference will be on first-come-first-serve basis. The intimation regarding selection will be sent to the candidates on their ATAL participant portal as well as by email. On completion of the programme the certificates will be awarded to those participants who have attended the program with minimum 80% attendance and scored minimum 60% marks in the test. The programme will be conducted online using video conferencing application **ZOOM**.

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R. Patel



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Head, Microbiology Department

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Head, Biotechnology Department

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About the Institute

The R. C. Patel education trust provides primary, secondary and tertiary education at elementary to advanced level in humanities, management and science including technical and professional courses. The R. C. Patel Arts, Commerce and Science College, Shirpur was established in 1991 by the trust.

R. C. Patel Arts, Commerce and Science College, Shirpur is located in rural tribal area, working with a vision to be pre-eminent institute which bring out the best among the students. The college is Grant-in-aid college sanctioned by Maharashtra state and also runs several self-financing courses. college is permanently affiliated to Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon (Maharashtra) and received 2 (F) and 12 (B) status of University Grant Commission (UGC), New Delhi. College also received Gujarati Minority Status and caters to the higher educational needs of students belonging to rural and semi urban area for last 30 years.

Our Vision

- To be a pre-eminent educational institute where teaching and learning brings out the best in the students.

Our Mission

- To impart the quality education to the students especially to the socially

economically backward students from the middle class in the vicinity with a view that education will make them economically independent.

- To enable our students to face the unknown situations and to make them strong to face the problems of the rapidly changing and increasingly complex world.
- To make our students responsible, sensitive, socially committed and to develop in them spiritual insight and the ideas of patriotism, democracy, secularism, socialism and peace.

Content of FDP to be covered

- Time and energy management
- Effective communication skills
- Goal Setting
- Leading innovation
- Learning Styles for Career Development
- Management Skills
- The positive workplace : A challenge for leader
- Using power effectively : A toolkit for leaders
- Women in leadership
- A way to become a great leader
- Critical thinking
- Importance of listening skills in leadership
- Team development: a challenge for leader
- Building organizational cultures : A framework for leaders.

Detail Session Time-table

Day - 1 : 23/08/2021	
Inauguration	10:00 - 12:00
Session - 1	12:00 - 02:00
Lunch Brake	02:00 - 03:00
Session - 2	03:00 - 05:00

24/08/2021 to 27/08/2021	
Session - 1	10:00 - 12:00
Session - 2	12:00 - 02:00
Lunch Brake	02:00 - 03:00
Session - 3	03:00 - 05:00

Address for Correspondence

Dr. Sandip P. Patil

Email: patilsandip3@gmail.com
Mob. No.: 9881392185 / 9284478255

Dr. Ravindra H. Patil

Email: ravi_nmu@yahoo.co.in
Mob. No.: 9881921570 / 9403911980

Important Dates

Last Date of registration : 12th August 2021
Intimation for selection : 16th August 2021
Workshop Dates : 23rd to 27th August 2021
Workshop Time : 10:00 am - 5:00 pm
(3 Sessions each day)



No: ATAL/2021/1628434843



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

AICTE Training and Learning (ATAL) Academy

Certificate

This is certified that Ramesh Dhanraj Jadhav, Associate Professor of R. C. Patel Art's, Commerce and Science College, Shirpur. participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Leadership and Excellence in Higher Education" from 23/08/2021 to 27/08/2021 at RCPET's R. C. Patel Arts, Commerce and Science College, Shirpur.

Advisor-I, ATAL Academy
Mamta Rani Agarwal



Coordinator



The Science of Well-Being
Yale University

Course Material

- Module 1
- Module 2
- Module 3
- Module 4
- Module 5
- Module 6
- Module 7
- Module 8
- Module 9
- Module 10

Grades

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Course Info

The Science of Well-Being

by Yale University

About this Course

NEW TEEN VERSION AVAILABLE HERE: <https://www.coursera.org/learn/the-science-of-well-being-for-teens>

In this course you will engage in a series of challenges designed to increase your own happiness and build more productive habits. As preparation for these tasks, Professor Laurie Santos reveals misconceptions about happiness, annoying features of the mind that lead us to think the way we do, and the research that can help us change. You will ultimately be prepared to successfully incorporate a specific wellness activity into your life.

THE SCIENCE OF WELL BEING WAS PRODUCED IN PART DUE TO THE GENEROUS FUNDING OF THE DAVID F. SWENSEN FUND FOR INNOVATION IN TEACHING.

Show less



Taught by: **Laurie Santos**, Professor
Psychology

Language	English, Subtitles: Arabic, French, Ukrainian, Chinese (Simplified), Greek, Italian, Portuguese (Brazil), Vietnamese, Dutch, Korean, German, Russian, Thai, Indonesian, Swedish, Turkish, Spanish, Hindi, Japanese, Lithuanian, Kazakh, Persian, Hungarian, Polish
How To Pass	Pass all graded assignments to complete the course.
User Ratings	★★★★☆ Average User Rating 4.9

Syllabus

Module 1
Introduction



Chemicals and Health
Johns Hopkins University

Course Material

- Module 1
- Module 2
- Module 3
- Module 4
- Module 5
- Module 6

Grades

Notes

Discussion Forums

Messages

Course Info

Syllabus

Module 1

Week 1: Welcome & Introduction

Start off this week with the peer assessment (we know, we know... how can we have an assessment before the course even starts, right?). We simply hope to gauge your initial understanding of the topics that we'll cover (so grade easy).

Then we get into a quick overview of the course, a discussion of chemicals & how we are exposed (in three parts) and an Introduction to chemical production & regulation. The module ends with a fun homework assignment: watch an eight-minute [video](#).

5 videos, 2 readings [expand](#)

Graded: Chemicals in our environment: What is a chemical and how are we exposed?

Module 2

Week 2 - Toxicology: What do chemicals do in our bodies?

Now that you have a sense of what a chemical is, and how we are exposed to them, we dive into the science of how chemicals impact our health, starting with toxicology. But before you dive into the study of poisons, please review, evaluate, and grade at least four of your classmates' submissions from last week. After you listen to the lectures by Professor Trush, take the ten-question/multiple-choice quiz that covers weeks 1 & 2. Feel free to go back and use the lectures to help you answer the [quiz](#).

[More](#)

3 videos [expand](#)

Graded: Modules 1 and 2 Quiz

Module 3

Week 3 - Biomonitoring: How do we measure these chemicals in our bodies and why?

Start by watching a two-minute video and a five-minute news report. Post your reactions not only to the video and audio files, but also to your peers' thoughts!

Next you'll hear from a CDC scientist about the US' National Biomonitoring Program, then you'll hear how that program translates to the local level. Be sure to keep in mind the relationship of communities to their government! This week is pretty [short](#).

[More](#)

2 videos [expand](#)

Module 4

Week 4 - Health effects of chemicals: How do we figure out how chemicals affect our health?

Finally we get to one of the main questions presented in this course - how do scientists assess the impact of chemicals on our health? You'll hear from a physician who specializes in environmental & occupational medicine and epidemiology. Then you'll hear how policymakers use the knowledge that we do have (about chemicals & health) to assess risk and drive policy. Once you've viewed the two lectures, another ten-question/multiple-choice quiz will assess how much information you absorbed [from the lectures](#).

[More](#)

2 videos [expand](#)

Graded: Modules 3 and 4 Quiz

Module 5

Week 5 - Chemicals Policy: What do we do about chemicals & health?

So far we've covered: how chemicals get into our bodies and how we measure them, what our bodies do with them and what they do to our bodies, and how that ultimately impacts our health. Now we turn to policy and how society addresses the impact of chemicals on health.

We will hear from a non-profit group that works to change policies such as laws & regulations related to this area. Then we'll [hear from a scientist](#).

[More](#)

6 videos [expand](#)

Yale

Aug 31, 2021

Dr. Jyoti Pradip Mahashabde

has successfully completed

The Science of Well-Being

an online non-credit course authorized by Yale University and offered through Coursera



Laurie Santos
Professor
Psychology

COURSE
CERTIFICATE



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Coursera has confirmed the identity of this individual and their participation in the course.



Chemicals and Health

Johns Hopkins University

Course Material

- ✓ Module 1
- ✓ Module 2
- ✓ Module 3
- ✓ Module 4
- ✓ Module 5
- ✓ Module 6

Grades

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Course Info

Chemicals and Health

by Johns Hopkins University

About this Course

This course covers chemicals in our environment and in our bodies and how they impact our health. It addresses policies and practices related to chemicals, particularly related to how they get into our bodies (exposures), what they do when they get there (toxicology), how we measure them (biomonitoring) and their impact on our health. Most examples are drawn from the US.



Taught by: **Dr. Megan Weil Latshaw, PhD.**

Director of the Masters Programs in Environmental Health

Bloomberg School of Public Health



Taught by: **Beth A. Resnick, MPH.** Associate

Scientist

Health Policy and Management

✓ Level	Beginner
🕒 Commitment	6 weeks of study, 3 hours per week
💬 Language	English. Subtitles: Arabic, French, Bengali, Ukrainian, Chinese (Simplified), Greek, Italian, Portuguese (Brazil), Vietnamese, Dutch, Korean, German, Pashto, Urdu, Russian, Thai, Indonesian, Swedish, Turkish, Azerbaijani, Spanish, Dari, Hindi, Japanese, Kazakh, Hungarian, Polish
🎓 How To Pass	Pass all graded assignments to complete the course.



Chemicals and Health
Johns Hopkins University

Course Material

- ✓ Module 1
- ✓ Module 2
- ✓ Module 3
- ✓ Module 4
- ✓ Module 5
- ✓ Module 6

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Syllabus

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Start off this week with the peer assessment (we know, we know... how can we have an assessment before the course even starts, right?). We simply hope to gauge your initial understanding of the topics that we'll cover (so grade easy).

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5 videos, 2 readings [expand](#)

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3 videos [expand](#)

Graded: Modules 1 and 2 Quiz

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2 videos [expand](#)

Module 4

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2 videos [expand](#)

Graded: Modules 3 and 4 Quiz

Module 5

Week 5 - Chemicals Policy: What do we do about chemicals & health?

So far we've covered: how chemicals get into our bodies and how we measure them, what our bodies do with them and what they do to our bodies, and how that ultimately impacts our health. Now we turn to policy and how society addresses the impact of chemicals on health.

We will hear from a non-profit group that works to change policies such as laws & regulations related to this area. Then we'll [video](#).

6 videos [expand](#)



COURSE
CERTIFICATE

Mar 20, 2022

Vijay S. Patil

has successfully completed

Chemicals and Health

an online non-credit course authorized by Johns Hopkins University and offered through
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Megan Latschew Beth A. Resnick

Megan Latschew, PhD
Dept. of Environmental Health Sciences
Bloomberg School of Public Health
Johns Hopkins University

Beth A. Resnick, MPH
Department of Health Policy and Management
Bloomberg School of Public Health
Johns Hopkins University

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ABOUT KDKCE



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K. D. K. College of Engineering, Nagpur is established in 1984, approved by AICTE, New Delhi and Director of Technical Education, Maharashtra, and affiliated to Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur. The government of Maharashtra has conferred an 'A' Grade based on excellence & adequate infrastructure as well as the academic achievements of students and faculty. The college offers Six Undergraduate Courses in Civil, Mechanical, Electrical, Computer Science & Engineering, Electronics and Telecommunications, Information Tech and Three Postgraduate courses in Structural Engineering, and Mechanical Engineering Design and Master of Business Administration with a total Intake capacity of 666. National Board of Accreditation (NBA) has accredited five UG programmes viz. Civil Engineering, Mechanical Engineering, Electrical Engineering, Electronics Engineering and Computer Technology in 2019. NBA had accredited Civil Engineering and Mechanical Engineering two times earlier i.e. in 2002 & 2008, whereas NBA accredited Electrical Engineering in 2008. National Assessment & Accreditation Council (NAAC) also accredits K D K CoE in 2019. Recently, the Indian Society for Technical Education (ISTE) has awarded the college with Best Green Campus Award 2019. The college has many achievements in the academic fields wherein staff and students have excelled in various domains.

The Vision of College is "Service to the Society through Quality Technical Education". The college is organizing many activities aligning with its vision, thereby strengthening and enhancing academic values on the campus. International Conferences, Short-Term Training Programs, Expert Talks by professionals representing many reputed institutions/organizations from India and across the world, Faculty Development Programs, Industrial Projects, Industrial Visits, Summer Training, etc. are the academic enhancement events. The college has promoted research culture on the campus resulting in many faculties being awarded Ph.D. Presently 41 faculties have been awarded Ph. D. and 5 faculties have submitted their Ph. D. thesis while 25 faculties are pursuing. The College has submitted the proposals under various schemes of AICTE-AQIS and in the session 2019-20 the college received Grants of Rs. 24.43 Lakhs under various AQIS schemes.

An Internal Quality Assurance Cell (IQAC) has been set-up to monitor and to establish the standards in academics as well as in administration. The Cell has been functioning actively to improve the overall performance of institutions in terms of quality in the teaching-learning process and academic administration through continuous monitoring and constant follow-up of undergoing activities.

The quality academic atmosphere and research culture supplemented by excellent infrastructure in the campus helped to attain desired placements of students, which consistently show more than 70% of students of all the branches were absorbed in well-known and reputed companies across India.



Great Nag Road, Nandanvan, Nagpur- 440 024 (MS) Tel: 0712-2711400;



KDK

COLLEGE OF ENGINEERING NAGPUR

SERVICE TO THE SOCIETY THROUGH QUALITY TECHNICAL EDUCATION

www.kdkce.edu.in

Department of Basic Science And Humanities

organizes

Online One Week
Faculty Development
Program (FDP)

on

**"Innovations in
Applied Research for
Science and
Technology"**

11th to 18th October, 2021

In Association with



Indian Association for
Radiation Protection (IARP)



Luminescence Society of India



Society for Technologically
Advanced Material of India

Registration Link : https://docs.google.com/forms/d/e/1FAIpQLSfLFXcJRTFDX7MB1G-n6sCFuMzA4O3LIQSFDUkWtb9Khd3w/viewform?usp=sf_link

Course Contents:

Topics are to be addressed in workshop are:

- > Novel Applications of LED
- > Ultrafast triggers for ultraslow photochemistry
- > Luminescence Dosimetry
- > Computer assisted research: The technology and applications.
- > Indian Nuclear Energy Programme
- > Innovations in nanoscience for the sustainable development with implications on health and environment

AIMS & OBJECTIVES OF FDP

- The main objective is to update and upgrade knowledge about science and technology.
- The primary focus of the FDP is to promote research in Science and develop technology.
- To provide an ideal platform and opportunity for scientific community, academicians, industrialists and policy makers all over the globe to keep abreast of the latest developments in the scientific / technical areas.
- To establish connectivity with other individuals and research groups.
- To provide strong orientation towards scientific research in the areas of science, engineering and technology.

PROPOSED OUTCOMES

- The faculty members will be able to identify upcoming research areas across various specializations & fields of research.
- The faculty members will be able to come out with quality research work that can be published in reputed journals at national and international level with the guidance of experts.
- The knowledge acquired from experts will be percolated to the students & ultimately benefit them.

PATRONS

Shri. Rajendra B. Mulak
Ex-Minister, Govt. of Maharashtra
Hon. Secretary, BCYRC, Nagpur.

Shri. Yashraj R. Mulak
Treasurer, BCYRC, Nagpur

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Principal, KDK College of Engg., Nagpur

Dr. A. M. Badar
Vice-Principal, KDK College of Engg., Nagpur

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Head, Dept. of Basic Science and Humanities,
KDK College of Engg., Nagpur

Prof. (Mrs.) S. S. Kshirsagar
Head, Dept. of Mathematics
KDK College of Engg., Nagpur

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Head, Dept. of Physics
KDK College of Engg., Nagpur
Ph.No.9422804873

CO-CONVENER

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Assistant Professor, Dept. of Physics
KDK College of Engg., Nagpur

Dr. P.B. Gour
Assistant Professor, Dept. of Chemistry
KDK College of Engg., Nagpur

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Assistant Professor, Dept. of Maths, KDKCE

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Assistant Professor, Dept. of Chemistry

Mrs. Venus V. Bower
Assistant Professor, Dept. of Humanities

Dr. T.R. Shelke
Assistant Professor, Dept. of Physics

Dr. Dipali P. Jasudkar
Assistant Professor, Dept. of Chemistry

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HoD, ETC Engg., KDKCE

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Dr. N. R. Dhangre
Dean Academic, KDKCE

Dr. A. P. Fartode
Incharge, Career Guidance and Counseling

How to Register

Students /Faculty /Professionals can register their names online by using link

<https://docs.google.com/forms/d/e/1FAIpQLSFLPxcJRTFDX7M81G-nScFuMh4AQ3LUjOSEFQUkWTb9Khd3w/viewfrom?usp=prof-link>

Registration Starts: 25th September 2021

Last date of Registration: 10th October

Registration Fees: Free of Cost

For any query please contact:

Dr. K.A. Gedekar

+91-9834026293

Dr. P. B. Gour

+91-9657726203

FDP SPEAKERS



Dr. S.V. Moharil
Former HOD, Dept. of Physics,
RTMNU, Nagpur



Vijay Kumar Gupta
Founder of India's only LED
manufacturing plant
Hyderabad



Dr. Anindya Datta
Head, Department of Chemistry
IIT Bombay.



Dr. B. S. Dhabekar
Scientific Officer(G), Mod. Lab.
RPAD, BARC, Mumbai.



Dr. Seshadri Murali
Scientific Officer(H),
RSSD, BARC, Mumbai
Secretary, IARP



Dr. Sunil H Ganatra
Associate Prof., Dept. of Chemistry
Govt. Institute of Science, Nagpur



Dr. Kishor Rewatkar
Head, Department of Physics,
Vice Principal, Dr. Ambedkar
College, Nagpur
Secretary STANI



KDK COLLEGE OF ENGINEERING NAGPUR

Great Nag Road, Nandanvan, Nagpur- 440 024 (MS) Tel: 0712-2711400

Accredited by NAAC and NBA

Online One Week Faculty Development Program on
“Innovations in Applied Research for Science and Technology”

CERTIFICATE OF PARTICIPATION

This is to certify that **Prof. Dr. Arun Madhukar Patil** of R. C. Patel Art's, Commerce and Science College, Shirpur has participated in *Online One Week Faculty Development Program* on “*Innovations in Applied Research for Science and Technology*” organized by Department of Basic Science And Humanities, KDKCE Nagpur in association with Indian Association for Radiation Protection (IARP), Luminescence Society of India (LSI) & Society for Technologically Advanced Material of India (STAMI) from 11th to 18th October 2021.

Dr. D. P. Singh
Principal, KDKCE

Dr. A. M. Badar
Vice-Principal, KDKCE

Dr. S. P. Wankhede
Convener

Dr. K. A. Gedekar
Co-Convener

Dr. P. B. Gour
Co-Convener

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AICTE Training and Learning (ATAL) Academy

Sponsored
Faculty Development Programme on
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23rd - 27th August 2021



Organized by

Department of Microbiology
& Biotechnology

In Association with

Internal Quality Assurance Cell (IQAC)

R. C. Patel Educational Trust's

R. C. Patel Arts, Commerce &
Science College,
Shirpur-425405 (Maharashtra)

(02563) 299328

contact@rcpasc.ac.in

Registration

No registration fee

1. Participants need to register with basic details and choose Role as Participant on ATAL Portal (<https://atalacademy.aicte-india.org/signup>)
2. After successful registration, participant will get one verification email and OTP, on provided email and phone respectively.
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5. Participants can see workshop on, “Leadership and Excellence in Higher Education” created by the Coordinator, R. C. Patel Arts, Commerce & Science College, Shirpur by clicking on the “Workshops” tab on left side menu.
6. Participant can apply for the workshop, by clicking on the plus (+) button. Once he/she applied successfully, one popup will be displayed, mentioning “Applied Successfully”.

Targeted Participants : The faculty members of the AICTE/UGC approved institutions, Research scholars, PG Scholars, participants from Government, Industry (Bureaucrats/ Technicians /Participants from Industry etc.)/School Teachers and staff of host institutions.

The seats are limited to 200 candidates. The preference will be on first-come-first-serve basis. The intimation regarding selection will be sent to the candidates on their ATAL participant portal as well as by email. On completion of the programme the certificates will be awarded to those participants who have attended the program with minimum 80% attendance and scored minimum 60% marks in the test. The programme will be conducted online using video conferencing application **ZOOM**.

Our Patrons



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Patil

Convener & Chairman

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Co-ordinator

Dr. Sandip P. Patil
Head, Microbiology Department

Organizing Secretary

Dr. Ravindra H. Patil
Head, Biotechnology Department

Organizing Committee

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(Vice-Principal)

Prof. Mahesh Patil

Dr. Mohini Patil

Prof. Ashwini Patil

Prof. Varsha Jayaswal

Prof. Shubham Yadav

Mr. Sanjay More

Mr. D. U. Patel

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Prof. Amruta Joshi

Prof. Harsha Pardeshi

Prof. Vishakha Doke

Mr. Ganesh Sonar

Mr. B. T. Chaudhari

Mr. Sandesh Rajput

Mr. Laxmikant More

About the Institute

The R. C. Patel education trust provides primary, secondary and tertiary education at elementary to advanced level in humanities, management and science including technical and professional courses. The R. C. Patel Arts, Commerce and Science College, Shirpur was established in 1991 by the trust.

R. C. Patel Arts, Commerce and Science College, Shirpur is located in rural tribal area, working with a vision to be pre-eminent institute which bring out the best among the students. The college is Grant-in-aid college sanctioned by Maharashtra state and also runs several self-financing courses. college is permanently affiliated to Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon (Maharashtra) and received 2 (F) and 12 (B) status of University Grant Commission (UGC), New Delhi. College also received Gujarati Minority Status and caters to the higher educational needs of students belonging to rural and semi urban area for last 30 years.

Our Vision

- To be a pre-eminent educational institute where teaching and learning brings out the best in the students.

Our Mission

- To impart the quality education to the students especially to the socially

economically backward students from the middle class in the vicinity with a view that education will make them economically independent.

- To enable our students to face the unknown situations and to make them strong to face the problems of the rapidly changing and increasingly complex world.
- To make our students responsible, sensitive, socially committed and to develop in them spiritual insight and the ideas of patriotism, democracy, secularism, socialism and peace.

Content of FDP to be covered

- Time and energy management
- Effective communication skills
- Goal Setting
- Leading innovation
- Learning Styles for Career Development
- Management Skills
- The positive workplace : A challenge for leader
- Using power effectively : A toolkit for leaders
- Women in leadership
- A way to become a great leader
- Critical thinking
- Importance of listening skills in leadership
- Team development: a challenge for leader
- Building organizational cultures : A framework for leaders.

Detail Session Time-table

Day - 1 : 23/08/2021	
Inauguration	10:00 - 12:00
Session - 1	12:00 - 02:00
Lunch Brake	02:00 - 03:00
Session - 2	03:00 - 05:00

24/08/2021 to 27/08/2021	
Session - 1	10:00 - 12:00
Session - 2	12:00 - 02:00
Lunch Brake	02:00 - 03:00
Session - 3	03:00 - 05:00

Address for Correspondence

Dr. Sandip P. Patil

Email: patilsandip3@gmail.com
Mob. No.: 9881392185 / 9284478255

Dr. Ravindra H. Patil

Email: ravi_nmu@yahoo.co.in
Mob. No.: 9881921570 / 9403911980

Important Dates

Last Date of registration : 12th August 2021
Intimation for selection : 16th August 2021
Workshop Dates : 23rd to 27th August 2021
Workshop Time : 10:00 am - 5:00 pm
(3 Sessions each day)



No: ATAL/2021/1627466273



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

AICTE Training and Learning (ATAL) Academy

Certificate

This is certified that **Dipak Eknath Chavan**, Assistant Professor of **R. C. Patel Arts, Science and Commerce College Shirpur** participated & completed successfully AICTE Training And Learning (ATAL) Academy **OnlineElementary FDP on "Leadership and Excellence in Higher Education"** from **23/08/2021 to 27/08/2021** at **RCPET's R. C. Patel Arts, Commerce and Science College, Shirpur**.

Advisor-I, ATAL Academy
Mamta Rani Agarwal



Coordinator

Amar Sewa Mandal's
Kamla Nehru Mahavidyalaya, Nagpur
 (Reaccredited with A+ Grade with CGPA 3.53)

INTERNAL QUALITY ASSURANCE CELL
 Organizes
 National Level One Week Faculty Development Programme on
RESEARCH METHODOLOGY
 2nd May to 7th May, 2022

OBJECTIVES OF FDP
 The objectives of faculty development programme is to inculcate and enhance the abilities of faculty members and research scholars to carry out independent research, write successful research proposal and to enable them to write research papers for the publication in National and International journals. This FDP will provide in-depth knowledge of research methodology that includes topic selection, literature review, research design, research tools, writing research proposal, writing research paper, intellectual property rights, citation of references and research ethics.

OUTCOME OF FDP
 The participants are expected to understand the research process, which will help them to choose researchable problem with greater clarity and carry out the research in a meticulous way not only interpreting the results of the study but also make the research work publish in reputed journals to benefit the society by attending the FDP on research methodology.

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR
 Kamla Nehru Mahavidyalaya a renowned educational institute was established in 1983 by founder President Late Shri Govindraoji Wanjari for the noble mission of imparting knowledge. The college is forging ahead under the dynamic leadership of President Hon'ble Dr. Smt. Suhasini Wanjari and the Secretary of Amar Sewa Mandal Hon'ble Adv. Abhijit Wanjari. The college has been re-accredited with A+ by NAAC, Bangalore with CGPA of 3.53.
 The institute continuously strives to improve the operational efficiency and has catered to the needs of diversified learners with reference to running several courses in Faculty of Science, Commerce, Arts and Management studies at Undergraduate, Postgraduate and Doctoral levels. The College has Ph.D. programmes in Chemistry, Physics, Electronics, Computer Science, English and Commerce. During last five years more than 300 research papers in refereed National and International Journals have been published. The College has also been associated with several International Universities like University of Huddersfield UK, University of Cambridge, International Network for Quality Assurance Agencies in Higher Education (INQAAHE) and Asia Pacific Quality Network (APQN).

PATRONS



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President
Amar Sewa Mandal,
Nagpur

CHIEF GUEST



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General Secretary, ACT
Wilson College, Mumbai



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MILC & Secretary
Amar Sewa Mandal,
Nagpur



Hon'ble Dr. Smeeta Wanjari
Treasurer
Amar Sewa Mandal,
Nagpur

BRIEF ABOUT THE SPEAKERS



Prof. N. B. Singh
PROF. N. B. SINGH : Prof. N. B. Singh former Head, Chemistry Department and Former Dean, Faculty of Science, DDU Gorakhpur University, is presently Professor (adhoc) at Chemistry Deptt., SRSR & Research and Technology Development Centre, Sharda University. He was post-doctoral fellow at Free University of Brussels, Belgium during 1973-1974 and also received an Alexander von Humboldt fellowship. Has worked at TH. Aachen, University of Clausthal, University Kassel and TU Dortmund University, Germany. He is also a recipient of NETZSCH - ITAS Award 2002 and ISCAS Gold Medal and Life Time Achievement Award Indian Association for Solid State Chemists and Allied Scientists at VIT Vellore on 21st Nov.2009 for the contributions in the area of solid state chemistry. Prof. Singh has published more than 290 research papers, authored 08 books and written 10 Book Chapters in edited books published by Elsevier/Springer. His citations are 5800, h index 35 and I ten 135.



Prof. M. Swaminathan
PROF. M. SWAMINATHAN : Prof. M. Swaminathan was retired from Annamalai University as Professor and Chairman of organic Chemistry in 2010 and is presently Visiting Professor, Nanomaterials Laboratory, International Research Centre, Kalasalingam Academy of Research and Education (Deemed University). He did Ph.D. from Indian Institute of Technology, Kanpur. He has 40 years' experience of teaching. Prof. Swaminathan has 42 years research experience and published more than 248 research papers, and written 08 Book Chapters in edited books published by Elsevier/Springer. His citations are 10522, h index 54 and I ten 144. He is Fellow of Royal Society of Chemistry, Member of American Chemical Society. He received awards like Tamil Nadu Scientist Award-2008, Silver Medal Award-2005 from ISCAS and Lead guest editor and Editor for three special issues of "International Journal of Photoenergy".



Prof. N. G. Shimpi
PROF. N. G. SHIMPI : Dr. N. G. Shimpi is presently Professor, Department of Chemistry University of Mumbai, Santa Cruz (E). He holds Ph.D. degree in Chemistry from North Maharashtra University, Jalgaon. The area of research are Nanomaterials and their functionalization, Biodegradable polymers and rubber nanocomposites, Materials for gas sensing, Nanocatalysts. He has completed 10 research projects funded by DST, CSIR, UGC, AICTE, MHRD, DRDO. He has successfully guided 14 students for Ph.D. degree and 06 are currently working. He has published more than 100 research papers in reputed international journals. His citations are 2061, h index 26. He has four patent to his credit and presented papers in more than 60 conferences. He has published two books of Elsevier publishing.



Prof. Bhushan Chaudhari
PROF. BHUSHAN CHAUDHARI : Dr. Bhushan Chaudhari is a Professor and Head, Microbiology Department KBC North Maharashtra University & started working since 1999. He received DAAD Fellowship, Germany, JSPS Post-Doctoral Fellowship, Japan and JSPS-Bridge Fellowship, Japan. He also worked in University in Alabama in Huntsville, USA. Professionally, he worked in Lupin Chemicals, Tarapur & Navin Process Systems, Pune. His research area is "Microbial Biotechnology" & worked on 12 research projects worth Rs. 2 crores. He has published > 50 Scopus papers with >1000 citations and has filed 5 patents. He has guided 15 Ph.D. students & 02 M.Phil students (now 02 pursuing Ph.D.) Presently, he is instrumental in providing consultancy to many industries. He was Member Secretary of IPR Cell of university and is Coordinator of the Innovation Facilitation Centre granted by National Research Development Corporation, New Delhi. He was Director, Innovation, Incubation & Linkages of the KBCNM University, Jalgaon & presently he is the Director of Incubation Centre KCIL of KBCNM university, Jalgaon.



Dr. N. Selvapalam
Dr. N. SELVAPALAM : Dr. N. Selvapalam is currently working as Associate Professor in Centre for Supramolecular Chemistry, International Research Centre and Department of Chemistry, Kalasalingam University, Tamil Nadu. He did M.Sc. from Mysore University and Ph. D. from IIT New Delhi. His area of Research interest are organic synthesis, supramolecular chemistry and surfactants. Fluorescence sensors, Graphene oxide based sensors. He has published more than 55 research papers in journals and 23 patents are in his credits. He has completed DST-SERB research project and visited South Korea for postdoc research.



Prof. Vikas Gite
PROF. VIKAS GITE : Prof. V. V. Gite holds Ph.D. degree in Chemistry from North Maharashtra University, Jalgaon. Prof. Gite is presently Professor and Head- Department of Polymer Chemistry, North Maharashtra University, Jalgaon. He has already supervised 11 Ph.D. scholars and 4 are under supervision. He has executed more than 7 research projects sponsored by national (UGC, RUSA, RGSTC, Private) and Indian patents 3 filed. He authored 08 books/Chapter of Springer/ Elsevier. He has 63 publications in Scopus indexed journals with Google I10 37, h-index 23 and Citations over 1402.

ORGANIZERS



Dr. D. S. Badwaik
Principal
Kamla Nehru Mahavidyalaya,
Nagpur



Prof. W. B. Gurnule
Convener
Faculty Development Programme
Kamla Nehru Mahavidyalaya, Nagpur

FOR ANY QUERY CONTACT

Dr. D. S. Badwaik
Principal
Kamla Nehru Mahavidyalaya, Nagpur
Mob. 7588883515

Prof. Dr. W. B. Gurnule
Convener FDP
Kamla Nehru Mahavidyalaya, Nagpur
Mob. 9096572499

Organizing Committee Members

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Dr. M. V. Borkar	Prof. N. K. Thakur
Dr. S. R. Moghe	Prof. M. A. Deolekar
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Dr. M. S. Wagh	Dr. V. Y. Charjan
	Dr. A. Chamatkar



Amar Sewa Mandal's
Kamla Nehru Mahavidyalaya, Nagpur
(Reaccredited A+ grade with CGPA of 3.53)



Organizes
Virtual International One-week Faculty Development Programme on

RESEARCH METHODOLOGY

Certificate of Participation

This is to certify that Dr. Jyoti Pradip Mahashabde
of R.C. Patel A.C.S. College Shirpur
has participated in International One Week Faculty Development Programme on Research
Methodology, from 2nd May 2022 to 7th May 2022, organized by Amar Sewa Mandal's Kamla
Nehru Mahavidyalaya, Nagpur-440024, Maharashtra.

Certificate no:
5BEK1K-CE000643-346

Adv. Abhijit Wanjarri
MLC & Secretary
Amar Sewa Mandal, Nagpur

Dr. Smeetaa Wanjarri
Treasurer
Amar Sewa Mandal, Nagpur

Dr. D. S. Badwaik
Principal
Kamla Nehru Mahavidyalaya, Nagpur

Prof. W. B. Gurnule
Convenor, FDP
Kamla Nehru Mahavidyalaya, Nagpur

Made for free with Certify'em

Mr. Kartik B. Rokade



Nov 22, 2021

Kartik Bharat Rokade

has successfully completed

English for Career Development

an online non-credit course authorized by University of Pennsylvania and offered through Coursera

**COURSE
CERTIFICATE**



Brian Mc Manus

Robyn Turner

Brian McManus
Language Specialist
English Language Programs
University of Pennsylvania

Robyn Turner
Senior Language Specialist
English Language Programs

Verify at coursera.org/verify/K355FMWTVYSW
Coursera has confirmed the identity of this individual and their participation in the course.

The online course named in this certificate may draw on material from courses taught on-campus, but it is not equivalent to an on-campus course. Participation in this online course does not constitute enrollment at the University of Pennsylvania. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.



Chemicals and Health
Johns Hopkins University

Course Material

- ✓ Module 1
- ✓ Module 2
- ✓ Module 3
- ✓ Module 4
- ✓ Module 5
- ✓ Module 6

Grades

Notes

Discussion Forums

Messages

Course Info

Chemicals and Health

by Johns Hopkins University

About this Course

This course covers chemicals in our environment and in our bodies and how they impact our health. It addresses policies and practices related to chemicals, particularly related to how they get into our bodies (exposures), what they do when they get there (toxicology), how we measure them (biomonitoring) and their impact on our health. Most examples are drawn from the US.



Taught by: Dr. Megan Weil Latshaw, PhD,
Director of the Masters Programs in Environmental Health
Bloomberg School of Public Health



Taught by: Beth A. Resnick, MPH, Associate Scientist
Health Policy and Management

✓ Level	Beginner
🕒 Commitment	6 weeks of study, 3 hours per week
🗣️ Language	English. Subtitles: Arabic, French, Bengali, Ukrainian, Chinese (Simplified), Greek, Italian, Portuguese (Brazil), Vietnamese, Dutch, Korean, German, Pashto, Urdu, Russian, Thai, Indonesian, Swedish, Turkish, Azerbaijani, Spanish, Dari, Hindi, Japanese, Kazakh, Hungarian, Polish
🎓 How To Pass	Pass all graded assignments to complete the course.



Chemicals and Health
Johns Hopkins University

Course Material

- ✓ Module 1
- ✓ Module 2
- ✓ Module 3
- ✓ Module 4
- ✓ Module 5
- ✓ Module 6

Grades

Notes

Discussion Forums

Messages

Course Info

Syllabus

Module 1

Week 1: Welcome & Introduction

Start off this week with the peer assessment (we know, we know... how can we have an assessment before the course even starts, right?). We simply hope to gauge your initial understanding of the topics that we'll cover (so grade easy).

Then we get into a quick overview of the course, a discussion of chemicals & how we are exposed (in three parts) and an introduction to chemical production & regulation. The module ends with a fun homework assignment: watch an eight-minute [▼More](#)

5 videos, 2 readings [expand](#)

Graded: Chemicals in our environment: What is a chemical and how are we exposed?

Module 2

Week 2 - Toxicology: What do chemicals do in our bodies?

Now that you have a sense of what a chemical is, and how we are exposed to them, we dive into the science of how chemicals impact our health, starting with toxicology. But before you dive into the study of poisons, please review, evaluate, and grade at least four of your classmates' submissions from last week. After you listen to the lectures by Professor Trush, take the ten-question/multiple-choice quiz that covers weeks 1 & 2. Feel free to go back and use the lectures to help you answer the [▼More](#)

3 videos [expand](#)

Graded: Modules 1 and 2 Quiz

Module 3

Week 3 - Biomonitoring: How do we measure these chemicals in our bodies and why?

Start by watching a two-minute video and a five-minute news report. Post your reactions not only to the video and audio files, but also to your peers' thoughts!

Next you'll hear from a CDC scientist about the US' National Biomonitoring Program, then you'll hear how that program translates to the local level. Be sure to keep in mind the relationship of communities to their government! This week is pretty [▼More](#)

2 videos [expand](#)

Module 4

Week 4 - Health effects of chemicals: How do we figure out how chemicals affect our health?

Finally we get to one of the main questions presented in this course - how do scientists assess the impact of chemicals on our health? You'll hear from a physician who specializes in environmental & occupational medicine and epidemiology. Then you'll hear how policymakers use the knowledge that we do have (about chemicals & health) to assess risk and drive policy. Once you've viewed the two lectures, another ten-question/multiple-choice quiz will assess how much information you absorbed [▼More](#)

2 videos [expand](#)

Graded: Modules 3 and 4 Quiz

Module 5

Week 5 - Chemicals Policy: What do we do about chemicals & health?

So far we've covered: how chemicals get into our bodies and how we measure them, what our bodies do with them and what they do to our bodies, and how that ultimately impacts our health. Now we turn to policy and how society addresses the impact of chemicals on health.

We will hear from a non-profit group that works to change policies such as laws & regulations related to this area. Then we'll [▼More](#)

6 videos [expand](#)



Mar 18, 2022

Kantilal A. Pawara

has successfully completed

Chemicals and Health

an online non-credit course authorized by Johns Hopkins University and offered through Coursera

**COURSE
CERTIFICATE**



Megan Latshaw Beth A. Resnick

Megan Latshaw, PhD
Dept. of Environmental Health Sciences
Bloomberg School of Public Health
Johns Hopkins University

Beth A. Resnick, MPH
Department of Health Policy and Management
Bloomberg School of Public Health
Johns Hopkins University

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Nov 16, 2021

Dr. Arun Madhukar Patil

has successfully completed

How Things Work: An Introduction to Physics

an online non-credit course authorized by University of Virginia and offered through Coursera

A handwritten signature in black ink that reads "Louis A. Bloomfield".

Louis A Bloomfield
Professor and Associate Chair of Physics
University of Virginia

**COURSE
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<https://coursera.org/verify/VLHBUREJQSWG>
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Amar Sewa Mandal's
Kamla Nehru Mahavidyalaya, Nagpur
 (Reaccredited A+ grade with CGPA of 3.53)
 Organizes



National One Week Faculty Development Programme on
ICT Tools for Effective Teaching Learning

Date : 23rd May 2022 to 28th May 2022
Time : 11.00 am on Zoom and YouTube Live Streaming

INAUGURAL SESSION (11:00 TO 11.30 am)

Welcome Address	Dr. W. B. Gurnule Convener, FDP Kamla Nehru Mahavidyalaya, Nagpur
Introductory Speech	Dr. D. S. Badwaik, Principal, Kamla Nehru Mahavidyalaya, Nagpur
Guest of Honour Address	Hon'ble Dr. Smeetaa Wanjarri Treasurer Amar Sewa Mandal, Nagpur
Chief Guest Address	Hon'ble Dr. S. R. Thakre Joint Director Higher Education Nagpur
Presidential Address	Hon'ble Adv. Abhijit Wanjarri MLC & Secretary, Amar Sewa Mandal, Nagpur
Vote of Thanks	Prof. P. B. Dahikar, Vice Principal, Kamla Nehru Mahavidyalaya, Nagpur

Date: 23rd May, 2022 (Monday) Day-1

TIME	TITLE	NAME OF SPEAKERS
11.30-12.30 PM	Understanding Creative Common Licenses & Its Importance	Dr. Ajay Kushwaha

Date: 24th May, 2022 (Tuesday) Day-2

TIME	TITLE	NAME OF SPEAKERS
11.00-12.30 PM	Introduction of Google Apps and Its Addons	Dr. Kunal Gaikwad

Date: 25th May, 2022 (Wednesday) Day-3

TIME	TITLE	NAME OF SPEAKERS
11.00-12.30 PM	Evaluation and Assessment Tools	Dr. Mamta Baheti

Date: 26th May, 2022 (Thursday) Day-4

TIME	TITLE	NAME OF SPEAKERS
11.00-12.30 PM	Creating Blogs and Websites	Ms. Rinki Moolchandani

Date: 27th May, 2022 (Friday) Day-5

TIME	TITLE	NAME OF SPEAKERS
11.00-12.30 PM	CANVA Presentation	Dr. Prajкта Dhote

Date: 28th May, 2022 (Saturday) Day-6

TIME	TITLE	NAME OF SPEAKERS
11.00-12.30 PM	Standardization Research Tools for E-Report Writing	Dr. S. B. Kishor



Amar Sewa Mandal's
Kamla Nehru Mahavidyalaya, Nagpur

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Organizes



National One Week Faculty Development Programme on

ICT Tools for Effective Teaching Learning



This is to certify that Shweta Rameshwar Upadhyay
of R. C. Patel ACS College, Shirpur

has participated in National One Week Faculty Development Programme on ICT Tools for Effective Teaching and Learning, from 23rd May 2022 to 28th May 2022, organized by Amar Sewa Mandal's Kamla Nehru Mahavidyalaya, Nagpur-440024, Maharashtra.

Certificate no: **D8THJ8-CE001601**

Adv. Abhijit Wanjarri
MLC & Secretary
Amar Sewa Mandal, Nagpur

Dr. Smeeta Wanjarri
Treasurer
Amar Sewa Mandal, Nagpur

Dr. D. S. Badwaik
Principal
Kamla Nehru Mahavidyalaya, Nagpur

Prof. W. B. Gurnule
Convenor, FDP
Kamla Nehru Mahavidyalaya, Nagpur

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Antimicrobial resistance - theory and methods

Technical University of Denmark (DTU)

Course Material

- ✓ Week 1
- ✓ Week 2
- ✓ Week 3
- ✓ Week 4
- ✓ Week 5

Grades

Notes

Discussion Forums

Messages 3

Course Info

Reset my deadlines

Antimicrobial resistance - theory and methods

by Technical University of Denmark (DTU)

About this Course

Antimicrobial resistance is an increasingly pressing global concern. This course offers unique and comprehensive insights into the challenges posed by AMR, exploring its mechanisms, implications for public health and laboratory methods as well as tools for identification.

More



Taught by: **Lina Cavaco**, DVM, PhD, EBVS Specialist in Veterinary Microbiology
Statens Serum Institut - Department for Bacteria, Parasites and Fungi



Taught by: **Pimlapas Leekitcharoenphon**, PostDoc
Research Group for Genomic Epidemiology, DTU Food



Taught by: **Rene S. Hendriksen**, Professor, PhD
Technical University of Denmark, National Food Institute, Research Group of Genomic Epidemiology



Antimicrobial resistance - theory and methods
 Technical University of Denmark (DTU)

Course Material

- ✓ Week 1
- ✓ Week 2
- ✓ Week 3
- ✓ Week 4
- ✓ Week 5

Grades

Notes

Discussion Forums

Messages 1

Course Info

Syllabus

Week 1

Welcome to the course

This module is basically a welcome to the course where you can find information on the Course structure, the contents you will be learning in the next modules, the grading, and introduction to the instructors and to the teaching material.

1 video, 1 reading [expand](#)

Module A- Antimicrobial and antimicrobial action

Antimicrobials and antimicrobial action (includes two lectures and one quiz). Here you will learn a lot about antibiotics/ antimicrobials and you will know more about what they are, where do they come from, what are the major groups and how can we classify them, how do they have an effect, how do they act on the bacterial cells

2 videos [expand](#)

Graded: Quiz Lectures 1-2 (antimicrobials)

Week 2

Module B - Antimicrobials and resistance

This module contained information about antimicrobials and the development of resistance in bacteria including causes for resistance and their mechanisms, as well as an insight in how resistance disseminates and how it can be selected.

4 videos [expand](#)

Graded: Q2- Quiz Lectures 3-6 (antimicrobial resistance)

Week 3

Module C- Antimicrobial susceptibility testing

This module deals with antimicrobial susceptibility testing in the laboratory: its importance and use, descriptions of the methods and their applications and detailed descriptions of the procedures applied for the main methods.

5 videos [expand](#)

Graded: Q3- Quiz Lectures 7-11 (AST)

Week 4

Module D- Interpretation

This module gives practical insight on how to interpret antimicrobial susceptibility results.

1 video [expand](#)

Graded: Q4- Quiz Lecture 12 (Interpretation AST)

Module E- Quality assurance

This module is dedicated to Quality management and Quality assurance (QA/ Quality control) (QC) procedures and use of QC strains to assure the quality of results of antimicrobial susceptibility testing: importance, elements and principles.

2 videos [expand](#)

Graded: Q5- Quiz Lectures 13-14 (Quality assurance)

Week 5

Module F- Alternatives to AST- Genome analysis tools

As alternative to the phenotypical methods, the researcher might decide to use genotypically based methods to identify genes of interest. In the lectures of this module we present the Resfinder tool which may be used to find resistance mechanisms (genes and in the future versions also specific point mutations) from Whole genome sequences of bacteria of interest. The second Lecture is a demonstration of the My DB Finder which can be used to identify genes of interest defined by the user from



Technical University
of Denmark

Feb 27, 2022

Harsha Dwarkaprasad Pardeshi

has successfully completed

Antimicrobial resistance - theory and methods

an online non-credit course authorized by Technical University of Denmark (DTU) and
offered through Coursera

Handwritten signatures of Pimlapas Leekitcharoenphon and Rene S. Hendriksen.

Pimlapas Leekitcharoenphon, Rene S. Hendriksen

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AICTE Training and Learning (ATAL) Academy

Sponsored
Faculty Development Programme on
“Leadership and Excellence
in Higher Education”

23rd - 27th August 2021



Organized by

Department of Microbiology
& Biotechnology

In Association with

Internal Quality Assurance Cell (IQAC)

R. C. Patel Educational Trust's

R. C. Patel Arts, Commerce &
Science College,
Shirpur-425405 (Maharashtra)

(02563) 299328

contact@rcpasc.ac.in

Registration

No registration fee

1. Participants need to register with basic details and choose Role as Participant on ATAL Portal (<https://atalacademy.aicte-india.org/signup>)
2. After successful registration, participant will get one verification email and OTP, on provided email and phone respectively.
3. Once participant verifies the email, he/she will be able to login to the ATAL Portal.
4. After login, Participants will see the “General Details” form. Filling this form is mandatory before applying for workshop.
5. Participants can see workshop on, “Leadership and Excellence in Higher Education” created by the Coordinator, R. C. Patel Arts, Commerce & Science College, Shirpur by clicking on the “Workshops” tab on left side menu.
6. Participant can apply for the workshop, by clicking on the plus (+) button. Once he/she applied successfully, one popup will be displayed, mentioning “Applied Successfully”.

Targeted Participants : The faculty members of the AICTE/UGC approved institutions, Research scholars, PG Scholars, participants from Government, Industry (Bureaucrats/ Technicians /Participants from Industry etc.)/School Teachers and staff of host institutions.

The seats are limited to 200 candidates. The preference will be on first-come-first-serve basis. The intimation regarding selection will be sent to the candidates on their ATAL participant portal as well as by email. On completion of the programme the certificates will be awarded to those participants who have attended the program with minimum 80% attendance and scored minimum 60% marks in the test. The programme will be conducted online using video conferencing application **ZOOM**.

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R. Patel



Hon. Shri. Bhupeshbhai
R. Patel



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Patil

Convener & Chairman

Dr. Dilip R. Patil
Principal

Co-ordinator

Dr. Sandip P. Patil
Head, Microbiology Department

Organizing Secretary

Dr. Ravindra H. Patil
Head, Biotechnology Department

Organizing Committee

Prof. Dr. A. M. Patil
(Vice-Principal)
Prof. Mahesh Patil
Dr. Mohini Patil
Prof. Ashwini Patil
Prof. Varsha Jayaswal
Prof. Shubham Yadav
Mr. Sanjay More
Mr. D. U. Patel
Mr. Mehul Gujrathi

Dr. R. D. Jadhav
(Vice-Principal)
Dr. Leena Shirsath
Prof. Amruta Joshi
Prof. Harsha Pardeshi
Prof. Vishakha Doke
Mr. Ganesh Sonar
Mr. B. T. Chaudhari
Mr. Sandesh Rajput
Mr. Laxmikant More

About the Institute

The R. C. Patel education trust provides primary, secondary and tertiary education at elementary to advanced level in humanities, management and science including technical and professional courses. The R. C. Patel Arts, Commerce and Science College, Shirpur was established in 1991 by the trust.

R. C. Patel Arts, Commerce and Science College, Shirpur is located in rural tribal area, working with a vision to be pre-eminent institute which bring out the best among the students. The college is Grant-in-aid college sanctioned by Maharashtra state and also runs several self-financing courses. college is permanently affiliated to Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon (Maharashtra) and received 2 (F) and 12 (B) status of University Grant Commission (UGC), New Delhi. College also received Guajarati Minority Status and caters to the higher educational needs of students belonging to rural and semi urban area for last 30 years.

Our Vision

- To be a pre-eminent educational institute where teaching and learning brings out the best in the students.

Our Mission

- To impart the quality education to the students especially to the socially

economically backward students from the middle class in the vicinity with a view that education will make them economically independent.

- To enable our students to face the unknown situations and to make them strong to face the problems of the rapidly changing and increasingly complex world.
- To make our students responsible, sensitive, socially committed and to develop in them spiritual insight and the ideas of patriotism, democracy, secularism, socialism and peace.

Content of FDP to be covered

- Time and energy management
- Effective communication skills
- Goal Setting
- Leading innovation
- Learning Styles for Career Development
- Management Skills
- The positive workplace : A challenge for leader
- Using power effectively : A toolkit for leaders
- Women in leadership
- A way to become a great leader
- Critical thinking
- Importance of listening skills in leadership
- Team development: a challenge for leader
- Building organizational cultures : A framework for leaders.

Detail Session Time-table

Day - 1 : 23/08/2021	
Inauguration	10:00 - 12:00
Session - 1	12:00 - 02:00
Lunch Brake	02:00 - 03:00
Session - 2	03:00 - 05:00

24/08/202 to 27/08/2021	
Session - 1	10:00 - 12:00
Session - 2	12:00 - 02:00
Lunch Brake	02:00 - 03:00
Session - 3	03:00 - 05:00

Address for Correspondence

Dr. Sandip P. Patil

Email: patilsandip3@gmail.com

Mob. No.: 9881392185 / 9284478255

Dr. Ravindra H. Patil

Email: ravi_nmu@yahoo.co.in

Mob. No.: 9881921570 / 9403911980

Important Dates

Last Date of registration : 12th August 2021

Intimation for selection : 16th August 2021

Workshop Dates : 23rd to 27th August 2021

Workshop Time : 10:00 am - 5:00 pm
(3 Sessions each day)



No: ATAL/2021/1621669921



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

AICTE Training and Learning (ATAL) Academy

Certificate

This is certified that **Ratneshwar Champaklal Bhavsar**, Librarian of **R.C. Patel Arts, Commerce and Science College Shirpur** participated & completed successfully AICTE Training And Learning (ATAL) Academy **Online Elementary FDP on "Leadership and Excellence in Higher Education"** from **23/08/2021** to **27/08/2021** at **RCPET's R. C. Patel Arts, Commerce and Science College, Shirpur**.

A handwritten signature in blue ink, appearing to read "Manta Rani Agarwal".

Advisor-I, ATAL Academy
Manta Rani Agarwal



A handwritten signature in blue ink, appearing to read "Gurdeep".

Coordinator



Successful Presentation
University of Colorado Boulder

Course Material

- ✓ Module 1
- ✓ Module 2
- ✓ Module 3
- ✓ Module 4

Grades

Notes

Discussion Forums

Messages

Course Info

Successful Presentation

by University of Colorado Boulder

About this Course

Few kinds of communication can have the effect of a powerful presentation. Even a short speech can motivate people to change long-held beliefs or to take action, and a wonderfully delivered speech can transform a normal person into a leader.

More



Taught by: [Professor William Kuskin](#), Professor
Department of English, University of Colorado Boulder

Basic Info	Course 3 of 4 in the Effective Communication: Writing, Design, and Presentation Specialization
Level	Beginner
Commitment	4 weeks of study, 2 hours/week
Language	English, Subtitles: Arabic, French, Bengali, Ukrainian, Chinese (Simplified), Greek, Italian, Portuguese (Brazil), Vietnamese, Dutch, Korean, German, Pashto, Urdu, Russian, Thai, Indonesian, Swedish, Turkish, Azerbaijani, Spanish, Dari, Hindi, Japanese, Kazakh, Hungarian, Polish
How To Pass	Pass all graded assignments to complete the course.
User Ratings	★★★★☆ Average User Rating 4.8



Successful Presentation
University of Colorado Boulder

Course Material

- Module 1
- Module 2
- Module 3
- Module 4

Grades

Notes

Discussion Forums

Messages

Course Info

Syllabus

Module 1

Getting Started with Public Speaking

In this module William tackles the one element that makes public speaking difficult: fear. Unlike writing a memo or designing a slide deck, presenting a speech puts you directly in front of an audience. Public speaking is wrapped up in the fear of immediate judgment and of lasting rejection. Yet the skills of writing and design are exactly the same as those of public speaking: clarity, structure, revision, and above all, storytelling. By applying these skills you can control your fear and take center stage in public.

▼ More

10 videos, 7 readings [expand](#)

Graded: Rethinking Public Speaking

Module 2

A Formula For Successful Presentation

Like the Second Module of Business Writing, this module zeroes in on a practical formula for successful presentations. William establishes this structure, and then breaks down it down into modular elements, so the most complex presentations can be created easily, revised effectively, and delivered confidently. Still, no one-size-fits-all outline, no rigid set of rules, is capable of expressing your own personality and unlocking your own brilliance, and so William goes beyond the basic formula to teach you

▼ More

14 videos, 4 readings [expand](#)

Graded: The Introduction

Graded: The Conclusion

Module 3

Practicing Your Self

We've all sat through presentations that had solid content but just didn't seem to work. Sometimes it's hard to define why a speaker fails to deliver. The key is practice. Practice is tricky, however, because poor practice techniques actually make a dull presentation even duller—further from the inspiring, passionate experience you want to create for your audience. In Module Three, William redefines the notion of practice as a dynamic process of verbal and physical language, and then teaches you how

▼ More

10 videos, 1 reading [expand](#)

Graded: Evolving Your Presentation

Graded: Verbal Language

Graded: Body Language

Module 4

Engaging with the World

You've put away your fear. You've used the formula to write a clear talk, and you've tweaked it with the secret ingredient of creativity. You've rehearsed and mastered your personal verbal and physical language. Still, a conference room or a lecture hall is an unpredictable arena, one that contains an uncontrollable amount of variables: the layout of the space, the mood of the audience, the complexity of the questions—these are the elements of a presentation for which you can never fully prepare.

▼ More

10 videos, 1 reading [expand](#)

Graded: Building a Portfolio of the Self

Graded: Rubric Training Quiz

Graded: Successful Presentation Assignment, Part 4: The Presentation



University of Colorado

Boulder | Colorado Springs | Denver | Anschutz Medical Campus

Sep 19, 2021

Dr. Milind Bhagwanrao Bachute

has successfully completed

Successful Presentation

an online non-credit course authorized by University of Colorado Boulder and offered through Coursera

William Kuskin
Professor
Department of English

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/DTH4CQ46PY4X

Coursera has confirmed the identity of this individual and their participation in the course.



Science of Exercise

University of Colorado Boulder

Course Material

- ✓ Module 1
- ✓ Module 2
- ✓ Module 3
- ✓ Module 4

Grades

Notes

Discussion Forums

Messages

Course Info

Science of Exercise

by University of Colorado Boulder

About this Course

Learners who complete Science of Exercise will have an improved physiological understanding of how your body responds to exercise, and will be able to identify behaviors, choices, and environments that impact your health and training. You will explore a number of significant adjustments required by your body in order to properly respond to the physical stress of exercise, including changes in carbohydrate, fat and protein metabolism, nutritional considerations, causes of muscle soreness & fatigue, and the effectiveness and dangers of performance enhancing drugs. Active learning assessments will challenge you to apply this new knowledge via nutrition logs, heart rate monitoring, calculations of your total daily caloric expenditure and body mass index (BMI). Finally, learners will examine the scientific evidence for the health benefits of exercise including the prevention and treatment of heart disease, diabetes, cancer, obesity (weight loss), depression, and dementia.

[Show less](#)



Taught by: **Robert Mazzeo, Ph.D.**, Associate Professor
Department of Integrative Physiology

✓ Level	Beginner
💬 Language	English, Subtitles: Arabic, French, Bengali, Ukrainian, Czech, Serbian, Chinese (Simplified), Greek, Italian, Catalan, Portuguese (Brazil), Vietnamese, Dutch, Korean, German, Pashto, Urdu, Russian, Thai, Indonesian, Swedish, Turkish, Azerbaijani, Spanish, Dari, Hindi, Japanese, Kazakh, Hungarian, Polish
🎓 How To Pass	Pass all graded assignments to complete the course.
★ User Ratings	★★★★☆ Average User Rating 4.8



Science of Exercise
University of Colorado Boulder

Course Material

- ✓ Module 1
- ✓ Module 2
- ✓ Module 3
- ✓ Module 4

Grades

Notes

Discussion Forums

Messages

Course Info

Syllabus

Module 1

The Energetics of Exercise

In this module you will learn about the various metabolic pathways (carbohydrates, fats and proteins) that are activated in order to supply the necessary energy required for the mechanical work of skeletal muscles during exercise. How these pathways are regulated, the methods for assessing the extent to which specific fuels are being utilized and the overall estimation of your metabolic rate will be addressed. Additionally, the importance of the chemical energy stored in ATP and its

▼ More

8 videos, 1 reading [expand](#)

Graded: Week 1 Quiz

Module 2

Physiological Systems During Exercise

In this module you will learn how a number of key physiological systems (muscular, respiratory, cardiovascular, endocrine and immune systems) are regulated during exercise to help maintain homeostasis. These adjustments are critical for exercise to continue for any significant duration. This will include: how the respiratory system adjusts during exercise to ensure proper oxygen delivery and carbon dioxide removal from active muscles; how the cardiovascular system responds to ensure adequate

▼ More

7 videos, 2 readings [expand](#)

Graded: Week 2 Quiz

Module 3

Exercise for Fitness & Performance

This module will teach you about the training guidelines needed to optimize your endurance and strength adaptations associated with a regular exercise program. Important nutritional requirements for both endurance and strength training will be addressed. The causes of both muscle soreness and fatigue will be explained. Finally,

the effectiveness and mechanisms whereby performance enhancing drugs exert their effect will be covered.

▼ More

7 videos, 2 readings [expand](#)

Graded: Week 3 Quiz

Module 4

Exercise in Health, Wellness and Disease

In this module you will learn about the role of exercise as medicine in both the prevention and treatment of various diseases. This will include: the contribution of diet and exercise in weight control including the prevention and treatment of obesity; the



Feb 12, 2022

Shweta Rameshwar Upadhyay

has successfully completed

Science of Exercise

an online non-credit course authorized by University of Colorado Boulder and offered through Coursera

Robert Mazzeo, Ph.D.
Professor, Department of Integrative Physiology
University of Colorado at Boulder

**COURSE
CERTIFICATE**



Verify at:

<https://coursera.org/verify/B2SBHM6LP9WF>

Coursera has confirmed the identity of this individual and their participation in the course

No: ATAL/2021/1629968131



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

AICTE Training and Learning (ATAL) Academy

Certificate

This is certified that **Jyoti Pradip Mahashabde, Assistant Professor** of **R.C.Patel A.C.S.College Shirpur** participated & completed successfully AICTE Training And Learning (ATAL) Academy **Online Elementary FDP** on "**Stress-Management**" from **06/09/2021** to **10/09/2021** at **Rajagiri College of Social Sciences(Autonomous)**.

A handwritten signature in blue ink, appearing to read 'Mamta'.

Advisor-I, ATAL Academy
Mamta Rani Agarwal



A handwritten signature in blue ink, appearing to read 'S. Pradip'.

Coordinator



Derivatives - Options & Futures
Interactive Brokers

Course Material

- Module 1
- Module 2
- Module 3
- Module 4
- Module 5

Grades

Notes

Discussion Forums

Messages 3

Course Info

Derivatives - Options & Futures

by Interactive Brokers

About this Course

While investing and trading in the options market may seem somewhat more daunting than other asset classes such as stocks, bonds, exchange-traded funds, currencies and commodities, you'll ultimately find that their complexity can be boiled down to simple concepts you'll be able to understand and use the more you're exposed to, and have hands-on experience with the material. Our aim is for you to

[More](#)



Taught by: Jeff Praisman, Senior Trading Education Specialist



Taught by: Lucas Deaver, Media Art Director



Taught by: Andrew Wilkinson, Director of Trading Education



Taught by: Mary MacNamara, Project Manager and Digital Media Producer



Taught by: Steven Levine, Senior Market Analyst

Basic Info	Course 4 of 4 in the Practical Guide to Trading Specialization
Level	Intermediate
Commitment	13 hours
Language	English, Subtitles: Arabic, French, Bengali, Ukrainian, Chinese (Simplified), Greek, Italian, Portuguese (Brazil), Vietnamese, Dutch, Korean, German, Pashto, Urdu, Russian, Thai, Indonesian, Swedish, Turkish, Azerbaijani, Spanish, Dari, Hindi, Japanese, Kazakh, Hungarian, Polish
How To Pass	Pass all graded assignments to complete the course.
User Ratings	★★★★☆ Average User Rating 4.5



Derivatives - Options & Futures
Interactive Brokers

Course Material

- Module 1
- Module 2
- Module 3
- Module 4
- Module 5

Grades

Notes

Discussion Forums

Messages 3

Course Info

Syllabus

Module 1

All About Options

Overview of options, which includes: Distinguishing between call and put options; Identifying the components of an options contract on a trading platform; Making certain decisions in the options market as a contract writer or owner; Viewing different stock options positions; Examining whether a given position is in- or out-of-the-money and Understanding some of the benefits and critical risks faced by equity options traders. Options involve risk and are not suitable for all investors. For more

▼More

5 Videos, 1 reading, 5 practice quizzes **expand**

Graded: All About Options - Graded Assessment

Module 2

Options Market Mechanics

Learn about the Options Market Mechanics by introducing topics such as put-call parity, pricing, payout of an option trade, and certain risk variables referred to as "The Greeks". Options involve risk and are not suitable for all investors. For more information read the Characteristics and Risks of Standardized Options, also known as the options disclosure document (ODD). To receive a copy of the ODD call 312-542-6901 or copy and paste this link into your browser:

▼More

4 Videos, 3 readings, 3 practice quizzes **expand**

Graded: Introduction to Options-Graded

Module 3

Basic Option Strategies

This module will focus on some basic strategies to use in bull markets - when prices rise - and in bear markets - where prices fall. As you may have gathered from earlier lessons, the characteristics of options requires skill and precision when making investment decisions. These strategies are displayed to give you an idea of what might work when making investing decisions.

In this module, we'll offer an explanation of several strategies for either type of market outlook, and we'll also walk you through

▼More

11 Videos, 6 readings, 10 practice quizzes **expand**

Graded: Option Strategies - Graded Assessment

Module 4

Neutral Market Strategies

In the previous module we introduced you to several trades designed to be of use in either up or down markets. In this module, we'll explore a couple of strategies that may be used by option traders to take advantage of a lull in the markets.

5 Videos, 3 readings, 4 practice quizzes **expand**

Graded: Neutral Market Strategies - Graded Assessment

Module 5

Mechanics of the Futures Market

Introducing the Mechanics of Futures Market course, where we'll introduce you to some of the risks faced by investors in the futures market, how certain of these risks are mitigated, as well as the difference between spot and forward prices, and



Feb 5, 2022

PRATIMA VAIBHAV JAIN

has successfully completed

Derivatives - Options & Futures

an online non-credit course authorized by Interactive Brokers and offered through Coursera

**COURSE
CERTIFICATE**



Andrew Wilkinson, Steven Levine
Mary MacNamara, Lucas Deaver
Jeffrey Praissman

Verify at:
coursera.org/verify/FJFRMH6NP4VB

The completion of Derivatives - Options & Futures course reflects that the student has completed an education only based module through Coursera. This certificate is for personal private use only. Interactive Brokers LLC has no affiliation with the student, and the certificate is not an endorsement or recommendation of any product, service or other investment information.



AICTE Training and Learning (ATAL) Academy

Sponsored
Faculty Development Programme on
“Leadership and Excellence
in Higher Education”

23rd - 27th August 2021



Organized by

Department of Microbiology
& Biotechnology

In Association with

Internal Quality Assurance Cell (IQAC)

R. C. Patel Educational Trust's

R. C. Patel Arts, Commerce &
Science College,
Shirpur-425405 (Maharashtra)

(02563) 299328
contact@rcpasc.ac.in

Registration

No registration fee

1. Participants need to register with basic details and choose Role as Participant on ATAL Portal (<https://atalacademy.aicte-india.org/signup>)
2. After successful registration, participant will get one verification email and OTP, on provided email and phone respectively.
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Targeted Participants : The faculty members of the AICTE/UGC approved institutions, Research scholars, PG Scholars, participants from Government, Industry (Bureaucrats/ Technicians /Participants from Industry etc.)/School Teachers and staff of host institutions.

The seats are limited to 200 candidates. The preference will be on first-come-first-serve basis. The intimation regarding selection will be sent to the candidates on their ATAL participant portal as well as by email. On completion of the programme the certificates will be awarded to those participants who have attended the program with minimum 80% attendance and scored minimum 60% marks in the test. The programme will be conducted online using video conferencing application **ZOOM**.

Our Patrons



Hon. Shri. Amrishbhai
R. Patel



Hon. Shri. Bhupeshbhai
R. Patel



Hon. Shri. Rajgopal
C. Bhandari



Hon. Prin. Dr. K. B.
Patil

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Dr. Dilip R. Patil
Principal

Co-ordinator

Dr. Sandip P. Patil
Head, Microbiology Department

Organizing Secretary

Dr. Ravindra H. Patil
Head, Biotechnology Department

Organizing Committee

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Prof. Mahesh Patil	Dr. Leena Shirsath
Dr. Mohini Patil	Prof. Amruta Joshi
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Prof. Shubham Yadav	Mr. Ganesh Sonar
Mr. Sanjay More	Mr. B. T. Chaudhari
Mr. D. U. Patel	Mr. Sandesh Rajput
Mr. Mehul Gujrathi	Mr. Laxmikant More

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24/08/2021 to 27/08/2021	
Session - 1	10:00 - 12:00
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Address for Correspondence

Dr. Sandip P. Patil

Email: patilsandip3@gmail.com

Mob. No.: 9881392185 / 9284478255

Dr. Ravindra H. Patil

Email: ravi_nmu@yahoo.co.in

Mob. No.: 9881921570 / 9403911980

Important Dates

Last Date of registration : 12th August 2021

Intimation for selection : 16th August 2021

Workshop Dates : 23rd to 27th August 2021

Workshop Time : 10:00 am - 5:00 pm
(3 Sessions each day)



No: ATAL/2021/1628166270



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

AICTE Training and Learning (ATAL) Academy

Certificate

This is certified that **Varsha Dwarkaprasad Jayaswal, Assistant Professor of R.c.patel ACS college, shirpur** participated & completed successfully AICTE Training And Learning (ATAL) Academy **Online Elementary FDP on "Leadership and Excellence in Higher Education"** from **23/08/2021** to **27/08/2021** at **RCPET's R. C. Patel Arts, Commerce and Science College, Shirpur.**

A handwritten signature in blue ink, appearing to read 'Mamta'.

Advisor-I, ATAL Academy
Mamta Rani Agarwal



A handwritten signature in blue ink, appearing to read 'Gurdeep'.

Coordinator



Business Analysis & Process Management
Coursera Project Network

Project Material

Project

Grades

Notes

Discussion Forums

Messages

Project Info

Business Analysis & Process Management

by Coursera Project Network

About this Project

This is a guided project for both beginners and professionals managing small to medium enterprises or working in the fields of business analysis & business process management. It provides you with the initial know-how of analyzing businesses from a process view which allows you to further develop the skill needed to create solutions to your current business problems.

More



Taught by: **Mahi Ismail**, Researcher & Assistant
Lecturer
Business Informatics

Level	Beginner
Commitment	2 hours
Language	English, Subtitles: Vietnamese
How To Pass	Pass all graded assignments to complete the guided project.
User Ratings	★★★★☆ Average User Rating 4.4



Business Analysis & Process Management
Coursera Project Network

Project Material

Project

Grades

Notes

Discussion Forums

Messages

Project Info

User Ratings

Average User Rating 4.4

Syllabus

Project 1

Business Analysis & Process Management

This is a guided project for both beginners and professionals managing small to medium enterprises or working in the fields of business analysis & business process management. It provides you with the initial know-how of analyzing businesses from a process view which allows you to further develop the skill needed to create solutions to your current business problems.

By the end of this project, you will be able to: analyze business processes and find solutions to existing business problems; define your business processes, their objectives and how they flow within the organizational context; identify the different process stakeholders and their roles in your business processes; and evaluate the current business from a process view, break down the problems, and find an applicable business solution.

Show less

1 video, 2 readings expand

Graded: Graded Quiz: Test your Business Analysis & Process Management understanding



Apr 21, 2022

SHUBHANGI GOKUL PINGALE

has successfully completed

Business Analysis & Process Management

an online non-credit project authorized by Coursera Project Network and offered through Coursera

A handwritten signature in black ink that reads "Mahi".

Mahi Ismail
Researcher & Assistant Lecturer

PROJECT CERTIFICATE



Verify at:
<https://coursera.org/verify/BKAW3FZMZGG6>

Coursera has confirmed the identity of this individual and their participation in the project.



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Mr. Sanjay More

Mr. D. U. Patil

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economically backward students from the middle class in the vicinity with a view that education will make them economically independent.

- To enable our students to face the unknown situations and to make them strong to face the problems of the rapidly changing and increasingly complex world.
- To make our students responsible, sensitive, socially committed and to develop in them spiritual insight and the ideas of patriotism, democracy, secularism, socialism and peace.

Content of FDP to be covered

- Time and energy management
- Effective communication skills
- Goal Setting
- Leading innovation
- Learning Styles for Career Development
- Management Skills
- The positive workplace : A challenge for leader
- Using power effectively : A toolkit for leaders
- Women in leadership
- A way to become a great leader
- Critical thinking
- Importance of listening skills in leadership
- Team development: a challenge for leader
- Building organizational cultures : A framework for leaders.

Detail Session Time-table

Day - 1 : 23/08/2021	
Inauguration	10:00 - 12:00
Session - 1	12:00 - 02:00
Lunch Brake	02:00 - 03:00
Session - 2	03:00 - 05:00

24/08/2021 to 27/08/2021	
Session - 1	10:00 - 12:00
Session - 2	12:00 - 02:00
Lunch Brake	02:00 - 03:00
Session - 3	03:00 - 05:00

Address for Correspondence

Dr. Sandip P. Patil

Email: patilsandip3@gmail.com
Mob. No.: 9881392185 / 9284478255

Dr. Ravindra H. Patil

Email: ravi_nmu@yahoo.co.in
Mob. No.: 9881921570 / 9403911980

Important Dates

Last Date of registration : 12th August 2021
Intimation for selection : 16th August 2021
Workshop Dates : 23rd to 27th August 2021
Workshop Time : 10:00 am - 5:00 pm
(3 Sessions each day)



No: ATAL/2021/1628748409



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

AICTE Training and Learning (ATAL) Academy

Certificate

This is certified that **Harsha Dwarkaprasad Pardeshi**, Assistant Professor of **R.C.Patel A.S.C college, Shirpur** participated & completed successfully AICTE Training And Learning (ATAL) Academy **Online Elementary FDP** on "**Leadership and Excellence in Higher Education**" from **23/08/2021** to **27/08/2021** at **RCPET's R. C. Patel Arts, Commerce and Science College, Shirpur.**

A handwritten signature in blue ink, appearing to read 'Mamma'.

Advisor-I, ATAL Academy
Mamta Rani Agarwal



A handwritten signature in blue ink, appearing to read 'Gyandha'.

Coordinator



The Science of Well-Being
Yale University

Course Material

- Module 1
- ✓ Module 2
- ✓ Module 3
- ✓ Module 4
- ✓ Module 5
- ✓ Module 6
- ✓ Module 7
- ✓ Module 8
- ✓ Module 9
- ✓ Module 10

Grades

Notes

Discussion Forums

Messages

Resources

Course Info

The Science of Well-Being

by Yale University

About this Course

NEW TEEN VERSION AVAILABLE HERE: <https://www.coursera.org/learn/the-science-of-well-being-for-teens>

In this course you will engage in a series of challenges designed to increase your own happiness and build more productive habits. As preparation for these tasks, Professor Laurie Santos reveals misconceptions about happiness, annoying features of the mind that lead us to think the way we do, and the research that can help us change. You will ultimately be prepared to successfully incorporate a specific wellness activity into your life.

THE SCIENCE OF WELL BEING WAS PRODUCED IN PART DUE TO THE GENEROUS FUNDING OF THE DAVID F. SWENSEN FUND FOR INNOVATION IN TEACHING.

[Show less](#)



Taught by: **Laurie Santos**, Professor
Psychology

Language	English, Subtitles: Arabic, French, Ukrainian, Chinese (Simplified), Greek, Italian, Portuguese (Brazil), Vietnamese, Dutch, Korean, German, Russian, Thai, Indonesian, Swedish, Turkish, Spanish, Hindi, Japanese, Lithuanian, Kazakh, Persian, Hungarian, Polish
How To Pass	Pass all graded assignments to complete the course.
User Ratings	★★★★☆ Average User Rating 4.9

Syllabus

Module 1
Introduction



The Science of Well-Being
Yale University

Course Material

- Module 1
- Module 2
- Module 3
- Module 4
- Module 5
- Module 6
- Module 7
- Module 8
- Module 9
- Module 10

Grades

Notes

Discussion Partner

Messages

Resources

Course Info

Syllabus

<p>Module 1</p> <p>Introduction</p> <p>Why take this course?</p> <p>4 videos, 10 readings expand</p>
<p>Module 2</p> <p>Misconceptions About Happiness</p> <p>What do we think will make us happy?</p> <p>7 videos, 3 readings expand</p> <p>Graded Week 2 Quiz</p>
<p>Module 3</p> <p>Why Our Expectations are so Bad</p> <p>Why do we mispredict what makes us happy?</p> <p>8 videos, 3 readings expand</p> <p>Graded Week 3 Quiz</p>
<p>Module 4</p> <p>How Can We Overcome Our Biases</p> <p>How we counteract our annoying features of the mind?</p> <p>7 videos, 3 readings expand</p> <p>Graded Week 4 Quiz</p>
<p>Module 5</p> <p>Stuff that Really Makes Us Happy</p> <p>What can we do to improve our happiness?</p> <p>11 videos, 3 readings expand</p> <p>Graded Week 5 Quiz</p>
<p>Module 6</p> <p>Putting Strategies into Practice</p> <p>How can we intentionally use these strategies into practice and build healthier habits?</p> <p>5 videos, 3 readings expand</p> <p>Graded Week 6 Quiz</p>
<p>Module 7</p> <p>Start Your Final Rewirement Challenge</p> <p>What rewirement will you commit to for the next 6 weeks?</p> <p>1 video, 3 readings, 1 practice quiz expand</p>
<p>Module 8</p> <p>Continue Your Rewirement Challenge</p> <p>How can you rely on others to help you change your behavior?</p> <p>1 video, 2 readings, 1 practice quiz expand</p>
<p>Module 9</p> <p>Continue Your Rewirement Challenge</p> <p>How can you design your environment to help you change your behavior?</p> <p>1 video, 2 readings, 1 practice quiz expand</p>
<p>Module 10</p> <p>Submit Your Final Assignment</p> <p>What mindset can you have to appreciate your progress so far and continue your progress beyond the course?</p> <p>1 video, 6 readings expand</p> <p>Graded Reflect on the Rewirement Challenge</p>

Yale

Mar 9, 2022

Priyanka Bhikaji Sonawane

has successfully completed

The Science of Well-Being

an online non-credit course authorized by Yale University and offered through Coursera



Laurie Santos
Professor
Psychology

COURSE
CERTIFICATE



Verify at:

coursera.org/verify/AS4A7HV4CRQJ

Coursera has confirmed the identity of this individual and their participation in the course.



Introduction to Designing Data Lakes on AWS

Amazon Web Services

Course Material

Module 1

Module 2

Module 3

Module 4

Grades

Notes

Discussion Forums

Messages

Week 1

14 min of videos left 49 min of readings left All graded assessments completed

Welcome to the course! In Week 1, you'll discover why you may want a Data Lake, its characteristics and components, and how it compares to other data data scenarios, such as databases and data warehouses.

Show Learning Objectives

Welcome to the Course

Introduction to Designing Data Lakes in AWS
Video • 3 min

Course Welcome and Student Information
Reading • 10 min

Meet the Instructors
Video • 1 min

Course Feedback
Video • 1 min

Pre-Course Survey
Reading • 2 min

Pre-Course Survey
Ungraded Plugin • 15 min

Introduction to Data Lakes

Introduction to Week 1
Video • 2 min

Why Data Lakes



Mar 2, 2022

Anand Jayantilal Maheshwari

has successfully completed

Introduction to Designing Data Lakes on AWS

an online non-credit course authorized by Amazon Web Services and offered through Coursera

**COURSE
CERTIFICATE**



Rafael Lopes

Rafael Lopes
Senior Cloud Technologist
AWS Training & Certification

Morgan Willis

Morgan Willis
Senior Cloud Technologist
AWS Training and Certification

Verify at:

<https://coursera.org/verify/RDYGHFX28AR5>

Coursera has confirmed the identity of this individual and their participation in the course.



**Teaching Learning Centre
Ramanujan College
(Accredited Grade 'A++' by NAAC)
University of Delhi**

under the aegis of

**Pandit Madan Mohan Malaviya National
Mission on Teachers and Teaching
Ministry of Education**

is organising an

**Online Two-week Refresher Course in
History**

25 Aug. to 07 Sep. 2021

Call for Registration & Participation

REFRESHER COURSE

ABOUT RAMANUJAN COLLEGE

Ramanujan College is a University of Delhi college, located in the well-known area of Kalkaji, near Nehru Place, in South Delhi. Ramanujan College has highly qualified, dedicated, and committed faculty members. The college runs 16 courses in different subjects in Humanities, Commerce and Science streams. It is also the study centre for the students of the the Non- Collegiate Women's Education Board University of Delhi, and the Indira Gandhi National Open University.

The college also runs several professional courses. The teachers of Ramanujan College are highly motivated and have original, published academic and creative work, including journals and other print media articles and educational film making to their credit. Ramanujan College is a premier institution of the University of Delhi and has been accredited grade "A++" by the National Assessment and Accreditation Council (NAAC). We at Ramanujan College emphasize the holistic development of personality, meaningful exposure to real-world, and inculcating practical skills amongst our students apart from ensuring academic excellence.





Teaching Learning Centre, Ramanujan College
University of Delhi
under the aegis of
MINISTRY OF EDUCATION
PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING



This is to certify that

Dr. Ramesh Dhanraj Jadhav

of

Dept. of History, R.C.Patel Arts, Commerce and Science College, Shirpur.
has successfully completed online TWO-WEEK ONLINE REFRESHER COURSE IN HISTORY
"SOCIETY AND CULTURE IN INDIA: CHANGING HISTORICAL TRENDS
AND THEIR CHALLENGES"

from 25 August - 07 September 2021 and obtained
Grade A.



Blockchain Hash: [0aacc1c382221fa89c80cb24c8d0e0356ed25367812c2166508e666575096fa7329](https://www.blockchain.com/transaction/0aacc1c382221fa89c80cb24c8d0e0356ed25367812c2166508e666575096fa7329)

Prof. S. P. Aggarwal
(Principal & Director)
TLC, Ramanujan College

Dr. Umesh Jha
(PROGRAMME CONVENOR)
Ramanujan College



Access Bioinformatics Databases with Biopython

Coursera Project Network

Project Material

Project

Grades

Notes

Discussion Forums

Messages

Project Info

Access Bioinformatics Databases with Biopython

by Coursera Project Network

About this Project

In this 1-hour long project-based course, you will learn how to access, parse, and visualize data from various bioinformatics sequence and structural online databases such as ENTREZ, PDB, KEGG and NCBI using Biopython.

You will also interact with various bioinformatics file formats such as FASTA, PDB, GENBANK and XML along with various parsers to read

[More](#)



Taught by: **Bhagesh Hunakunti**, Project Instructor

Coursera

✓ Level	Intermediate
🕒 Commitment	1 hour
💬 Language	English
🎓 How To Pass	Pass all graded assignments to complete the guided project.
★ User Ratings	★★★★☆ Average User Rating 4.5



Access Bioinformatics Databases with Biopython

Coursera Project Network

▼ **Project Material**

✔ Project

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Syllabus

Project 1

Project Overview

By the end of this project, you will learn to access, parse, and visualize data from various bioinformatics sequence and structural online databases such as ENTREZ, PDB, KEGG and NCBI using Biopython. you will also interact with various bioinformatics file formats such as FASTA, PDB, GENBANK and XML along with various parsers to read and modify these files using Biopython.

📖 2 readings [expand](#)

📝 **Graded:** Graded Quiz: Test your Project understanding draft



Feb 26, 2022

Dr. Leena P. Shirsath

has successfully completed

Access Bioinformatics Databases with Biopython

an online non-credit course authorized by Coursera Project Network and offered through Coursera

Bhagesh Hunakunti
Project Instructor
Coursera

**COURSE
CERTIFICATE**



Verify at:
coursera.org/verify/SUJ6GPV9WEG8

Coursera has confirmed the identity of this individual and their participation in the course.



AICTE Training and Learning (ATAL) Academy

Sponsored
Faculty Development Programme on
“Leadership and Excellence
in Higher Education”

23rd - 27th August 2021



Organized by

Department of Microbiology
& Biotechnology

In Association with

Internal Quality Assurance Cell (IQAC)

R. C. Patel Educational Trust's

R. C. Patel Arts, Commerce &
Science College,
Shirpur-425405 (Maharashtra)

(02563) 299328

contact@rcpasc.ac.in

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Our Patrons



Hon. Shri. Amrishbhai
R. Patel



Hon. Shri. Bhupeshbhai
R. Patel



Hon. Shri. Rajgopal
C. Bhandari



Hon. Prin. Dr. K. B.
Patil

Convener & Chairman

Dr. Dilip R. Patil
Principal

Co-ordinator

Dr. Sandip P. Patil
Head, Microbiology Department

Organizing Secretary

Dr. Ravindra H. Patil
Head, Biotechnology Department

Organizing Committee

Prof. Dr. A. M. Patil
(Vice-Principal)
Prof. Mahesh Patil
Dr. Mohini Patil
Prof. Ashwini Patil
Prof. Varsha Jayaswal
Prof. Shubham Yadav
Mr. Sanjay More
Mr. D. U. Patil
Mr. Mehul Gujrathi

Dr. R. D. Jadhav
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Dr. Leena Shirsath
Prof. Amruta Joshi
Prof. Harsha Pardeshi
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Mr. Ganesh Sonar
Mr. B. T. Chaudhari
Mr. Sandesh Rajput
Mr. Laxmikant More

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Address for Correspondence

Dr. Sandip P. Patil

Email: patilsandip3@gmail.com

Mob. No.: 9881392185 / 9284478255

Dr. Ravindra H. Patil

Email: ravi_nmu@yahoo.co.in

Mob. No.: 9881921570 / 9403911980

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No: ATAL/2021/1628699297



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

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Certificate

This is certified that **Patil Mahesh Prakash**, Assistant Professor of **RCP ACS College, Shirpur** participated & completed successfully AICTE Training And Learning (ATAL) Academy **Online Elementary FDP** on "**Leadership and Excellence in Higher Education**" from **23/08/2021** to **27/08/2021** at **RCPET's R. C. Patel Arts, Commerce and Science College, Shirpur**.

A handwritten signature in blue ink, appearing to read 'Mamta'.

Advisor-I, ATAL Academy
Mamta Rani Agarwal



A handwritten signature in blue ink, appearing to read 'Gurdeep'.

Coordinator

Mr. Shubham Vijaykumar Yadav





DEPARTMENT OF SCIENCE & HUMANITIES
By Sponsorship
JEC INNOVATION CLUB

ORGANIZES
A SEVEN DAY ONLINE FACULTY DEVELOPMENT PROGRAMME ON
Advanced Materials for Future Science (AMFS-2021)

With the Blessings of
Dr. Jeppiaar, M.A., B.L., Ph.D.
Founder, Jeppiaar Educational Trust

Under The Guidance Of
Dr. M. Regeena Jeppiaar, B.Tech., M.B.A., Ph.D.
Chairman & Managing Director, Jeppiaar Group of Institutions

In The Presence Of
Dr. V. Natarajan, M.T., Ph.D.
Principal, Jeppiaar Engineering College

Dr. Shaleesha A Stanley, M.T., Ph.D.
Dean - Academics, Jeppiaar Engineering College

CHIEF GUEST



PREPARATION OF NANO FIBERS AND THEIR APPLICATION

Dr. T.S. Natarajan
Professor, IIT Tirupathi
Author, Perfectly

6th SEP 2021
11:00 AM to 12:30 PM

PLATFORM :  Google Meet

MEET LINK: <https://meet.google.com/amy-iii-stp>



INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of Education Initiative)



JEPPIAAR
ENGINEERING COLLEGE

Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai - 600 119.

DEPARTMENT OF SCIENCE AND HUMANITIES

IN ASSOCIATION WITH
JEC INNOVATION CLUB



SEVEN DAYS ONLINE FACULTY DEVELOPMENT PROGRAMME

ADVANCED MATERIALS FOR FUTURE SCIENCE (AMFS)

CERTIFICATE
OF PARTICIPATION

This is to certify that

Miss QUAZI MAHEWASH ANJUM EJAZ AHMAD
Assistant Professor R.C.Patel Arts, Science and Commerce
College, Shirpur

Has participated and successfully completed 7 days FDP on Advanced Materials for Future Science from 6th to 13th September 2021 organized by the Department of Science and Humanities (Physics & Chemistry), Jeppiaar Engineering college, Chennai-600119, India.

CONVENER
JEPPIAAR ENGINEERING COLLEGE

PRINCIPAL
JEPPIAAR ENGINEERING COLLEGE

UC San Diego

Introduction to Algae
University of California San Diego

Reset my deadlines

Introduction to Algae

by University of California San Diego

Course Material

- Module 1
- Module 2
- Module 3
- Module 4
- Module 5

Grades

Notes

Discussion Forums

Messages

Resources

Course Info

About this Course

This course was produced by the Algae Technology Educational Consortium and UC San Diego with funding from the Algae Foundation, the National Renewable Energy Lab, and the U.S. Department of Energy.

More



Taught by: **Dr. Stephen Mayfield**, Professor of Molecular Biology
University of California San Diego



Taught by: **Ira "Ike" Levine**, Professor, Natural and Applied Sciences
University of Southern Maine

Level	Intermediate
Commitment	5 weeks
Language	English, Subtitles: Arabic, French, Bengali, Ukrainian, Serbian, Chinese (Simplified), Greek, Italian, Portuguese (Brazil), Vietnamese, Dutch, Korean, German, Pashto, Urdu, Russian, Thai, Indonesian, Swedish, Turkish, Azerbaijani, Spanish, Dari, Hindi, Japanese, Kazakh, Hungarian, Polish



Introduction to Algae
University of California San Diego

Course Material

- Module 1
- Module 2
- Module 3
- Module 4
- Module 5

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Course Info

Syllabus

Module 1

Algae Basics

This section will cover what algae are, how they've evolved, and how they've transformed our planet. We will also go over how humans have used algae throughout history.

5 videos, 4 readings [expand](#)

Graded: Algae Basics Quiz

Module 2

Algal Diversity

Algae are extremely diverse, and in this section you will learn about the main different types.

5 videos, 5 readings [expand](#)

Graded: Algal Diversity Quiz

Module 3

Algal Ecology

Algae are found almost everywhere and have complex ecologies. This section covers the basics of algal ecology including some of the other organisms they interact with in nature and in industrial settings.

3 videos, 3 readings [expand](#)

Graded: Algal Ecology Quiz

Module 4

Algae Biomanufacturing Part 1

Algae are studied because of their potential to create products using biomanufacturing. In this section, we will look at how algae is used as an industrial organisms and different examples biomanufacturing technologies.

4 videos, 4 readings [expand](#)

Graded: Algae Biomanufacturing Part 1 Quiz

Module 5

Algae Biomanufacturing Part 2

In this section we will examine the important steps of algae biomanufacturing. This includes techniques for productive culture growth, harvest, and creating useful products from biomass.

5 videos, 5 readings [expand](#)

Graded: Algae Biomanufacturing Part 2 Quiz

UC San Diego

Mar 4, 2022

Dr. Sandip Prakash Patil

has successfully completed

Introduction to Algae

an online non-credit course authorized by University of California San Diego and offered through Coursera

COURSE
CERTIFICATE



Stephen P. Mayfield, Ph.D.
Division of Biological Sciences
University of California, San Diego

Professor, Natural and Applied Sciences
University of Southern Maine

Verify at:

coursera.org/verify/9RJEF9LB6YBA

Coursera has confirmed the identity of this individual and their participation in the course.



AICTE Training and Learning (ATAL) Academy

Sponsored
Faculty Development Programme on
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23rd - 27th August 2021



Organized by

Department of Microbiology
& Biotechnology

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R. C. Patel Educational Trust's

R. C. Patel Arts, Commerce &
Science College,
Shirpur-425405 (Maharashtra)

(02563) 299328

contact@rcpasc.ac.in

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Our Patrons



Hon. Shri. Amrishbhai
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Hon. Prin. Dr. K. B.
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Dr. Sandip P. Patil
Head, Microbiology Department

Organizing Secretary

Dr. Ravindra H. Patil
Head, Biotechnology Department

Organizing Committee

Prof. Dr. A. M. Patil
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Prof. Mahesh Patil
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Dr. R. D. Jadhav
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Mr. Laxmikant More

About the Institute

The R. C. Patel education trust provides primary, secondary and tertiary education at elementary to advanced level in humanities, management and science including technical and professional courses. The R. C. Patel Arts, Commerce and Science College, Shirpur was established in 1991 by the trust.

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Our Vision

- To be a pre-eminent educational institute where teaching and learning brings out the best in the students.

Our Mission

- To impart the quality education to the students especially to the socially

economically backward students from the middle class in the vicinity with a view that education will make them economically independent.

- To enable our students to face the unknown situations and to make them strong to face the problems of the rapidly changing and increasingly complex world.
- To make our students responsible, sensitive, socially committed and to develop in them spiritual insight and the ideas of patriotism, democracy, secularism, socialism and peace.

Content of FDP to be covered

- Time and energy management
- Effective communication skills
- Goal Setting
- Leading innovation
- Learning Styles for Career Development
- Management Skills
- The positive workplace : A challenge for leader
- Using power effectively : A toolkit for leaders
- Women in leadership
- A way to become a great leader
- Critical thinking
- Importance of listening skills in leadership
- Team development: a challenge for leader
- Building organizational cultures : A framework for leaders.

Detail Session Time-table

Day - 1 : 23/08/2021	
Inauguration	10:00 - 12:00
Session - 1	12:00 - 02:00
Lunch Brake	02:00 - 03:00
Session - 2	03:00 - 05:00

24/08/2021 to 27/08/2021	
Session - 1	10:00 - 12:00
Session - 2	12:00 - 02:00
Lunch Brake	02:00 - 03:00
Session - 3	03:00 - 05:00

Address for Correspondence

Dr. Sandip P. Patil

Email: patilsandip3@gmail.com

Mob. No.: 9881392185 / 9284478255

Dr. Ravindra H. Patil

Email: ravi_nmu@yahoo.co.in

Mob. No.: 9881921570 / 9403911980

Important Dates

Last Date of registration : 12th August 2021

Intimation for selection : 16th August 2021

Workshop Dates : 23rd to 27th August 2021

Workshop Time : 10:00 am - 5:00 pm
(3 Sessions each day)



No: ATAL/2021/1628327467



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

AICTE Training and Learning (ATAL) Academy

Certificate

This is certified that **Mahendra Chaitram Agale, Assistant Professor of R. C. Patel Arts, Com. & Sci. College, Shirpur, Dist- Dhule(MS)** participated & completed successfully AICTE Training And Learning (ATAL) Academy **Online Elementary FDP on "Leadership and Excellence in Higher Education"** from **23/08/2021 to 27/08/2021** at **RCPET's R. C. Patel Arts, Commerce and Science College, Shirpur.**

Advisor-I, ATAL Academy
Mamta Rani Agarwal



Coordinator

Reset my deadlines



Fundamentals of Immunology: Innate Immunity and B-Cell Function
Rice University

Fundamentals of Immunology: Innate Immunity and B-Cell Function

by Rice University

Course Material

- ✓ Module 1
- ✓ Module 2
- ✓ Module 3
- ✓ Module 4
- ✓ Module 5
- ✓ Module 6
- ✓ Module 7

Grades

Notes

Discussion Forums

Messages

Course Info

About this Course

Course 1 of a four course specialization called Fundamentals of Immunology. Each course in the specialization presents material that builds on the previous course's material.

More



Taught by: **Alma Moon Novotny, Ph.D.**
Biochemistry and Cell Biology Lecturer
Biosciences

Basic Info	Course 1 of 3 in the Fundamentals of Immunology Specialization
Level	Intermediate
Commitment	7 weeks of study, 5-8 hours/week
Language	English, Subtitles: Arabic, French, Bengali, Ukrainian, Chinese (Simplified), Greek, Italian, Portuguese (Brazil), Vietnamese, Dutch, Korean, German, Pashto, Urdu, Russian, Thai, Indonesian, Swedish, Turkish, Azerbaijani, Spanish, Dari, Hindi, Japanese, Kazakh, Persian, Hungarian, Polish
How To Pass	Pass all graded assignments to complete the course.



Fundamentals of Immunology:
Innate Immunity and B-Cell Function
Rice University

Course Material

- Module 1
- Module 2
- Module 3
- Module 4
- Module 5
- Module 6
- Module 7

Grades

Notes

Discussion Forums

Messages

Course Info

Syllabus

Module 1

Introducing the Metaphors

7 videos, 3 readings, 7 practice quizzes [expand](#)

Graded: Lecture 1 Quiz

Module 2

Surveying the Cells and Organs of the Immune System

9 videos, 10 practice quizzes [expand](#)

Graded: Quiz 2

Module 3

Innate Immunity

5 videos, 5 practice quizzes [expand](#)

Graded: Quiz 3

Module 4

Antigens and Antibodies

10 videos, 11 practice quizzes [expand](#)

Graded: Quiz 4

Module 5

Immunoglobulin Genes

12 videos, 12 practice quizzes [expand](#)

Graded: Quiz 5

Module 6

Development of B Cells

8 videos, 9 practice quizzes [expand](#)

Graded: Quiz 6

Module 7

Final

1 video, 1 reading [expand](#)



RICE UNIVERSITY

Mar 2, 2022

Dr. Ravindra H Patil

has successfully completed

Fundamentals of Immunology: Innate Immunity
and B-Cell Function

an online non-credit course authorized by Rice University and offered through Coursera

Alma Novotny

Alma Moon Novotny, PhD
Biochemistry and Cell Biology Lecturer
Department of Biosciences

COURSE
CERTIFICATE



Verify at:
coursera.org/verify/2R4BGHGFNRHW

Coursera has confirmed the identity of this individual and their
participation in the course.



**CHANDIGARH
UNIVERSITY**
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GRADE A+**
ACCREDITED UNIVERSITY

**QS UNIVERSITY
RANKINGS**
ASIA
OVERALL RANK 271-280

Certificate of Participation

ONE WEEK FACULTY DEVELOPMENT PROGRAMME
ON

RESEARCH ESSENTIALS

31st January, 2022 - 5th February, 2022

This is certify that

Dr. /Mr./Ms. **Dr. Sanjay Bachhav**

of R.C. Patel Arts, Commerce and Sciene College, Shirpur, India

Actively participated in One Week **Faculty Development Programme** on "**Research Essentials**"
organized by Department of Computer Science & Engineering held from **31st January - 5th February, 2022**
at Chandigarh University, Gharuan, Mohali, Punjab (India).

Prof. (Dr.) Sandeep Singh Kang
Professor - CSE

Prof. (Dr.) Sameeruddin Khan
Executive Director - CSE

Prof. (Dr.) Priestly Shan
Dean Academic Affairs



Introduction to Calculus
The University of Sydney

Course Material

- Week 1
- Week 2
- Week 3
- Week 4
- Week 5

Grades

Notes

Discussion Forums

Messages

Course Info

Reset my deadlines

Introduction to Calculus

by The University of Sydney

About this Course

The focus and themes of the Introduction to Calculus course address the most important foundations for applications of mathematics in science, engineering and commerce. The course emphasises the key ideas and historical motivation for calculus, while at the same time striking a balance between theory and application, leading to a mastery of key threshold concepts in foundational mathematics.

More



Taught by: **David Easdown**, Associate Professor
School of Mathematics and Statistics

Level	Intermediate
Language	English, Subtitles: Arabic, French, Bengali, Ukrainian, Chinese (Simplified), Greek, Italian, Portuguese (Brazil), Vietnamese, Dutch, Korean, German, Pashto, Urdu, Russian, Thai, Indonesian, Swedish, Turkish, Azerbaijani, Spanish, Dari, Hindi, Japanese, Kazakh, Hungarian, Polish
How To Pass	Pass all graded assignments to complete the course.
User Ratings	★★★★☆ Average User Rating 4.8





Introduction to Calculus
The University of Sydney

Course Material

- Week 1
- Week 2
- Week 3
- Week 4
- Week 5

Grades

Notes

Discussion Forums

Messages

Course Info

Syllabus

Week 1

Precalculus (Setting the scene)

This module begins by looking at the different kinds of numbers that fall on the real number line, decimal expansions and approximations, then continues with an exploration of manipulation of equations and inequalities, of sign diagrams and the use of the Cartesian plane.

10 videos, 8 readings, 8 practice quizzes [expand](#)

Graded: Module 1 quiz

Week 2

Functions (Useful and important repertoire)

This module introduces the notion of a function which captures precisely ways in which different quantities or measurements are linked together. The module covers quadratic, cubic and general power and polynomial functions; exponential and logarithmic functions; and trigonometric functions related to the mathematics of periodic behaviour. We create new functions using composition and inversion and look at how to move backwards and forwards between quantities algebraically, as well as

[▼More](#)

13 videos, 12 readings, 12 practice quizzes [expand](#)

Graded: Module 2 quiz

Week 3

Introducing the differential calculus

This module introduces techniques of differential calculus. We look at average rates of change which become instantaneous, as time intervals become vanishingly small, leading to the notion of a derivative. We then explore techniques involving differentials that exploit tangent lines. The module introduces Leibniz notation and shows how to use it to get information easily about the





THE UNIVERSITY OF
SYDNEY

Sep 25, 2021

**Raghunath Pandharinath
Mahajan**

has successfully completed

Introduction to Calculus

an online non-credit course authorized by The University of Sydney and offered through
Coursera

David Easdown
Associate Professor
Department of Mathematics and Statistics

**COURSE
CERTIFICATE**



Verify at:

<https://coursera.org/verify/6NJMMR34QZ46>

Coursera has confirmed the identity of this individual and their
participation in the course.



AICTE Training and Learning (ATAL) Academy

Sponsored
Faculty Development Programme on
“Leadership and Excellence
in Higher Education”

23rd - 27th August 2021



Organized by

Department of Microbiology
& Biotechnology

In Association with

Internal Quality Assurance Cell (IQAC)

R. C. Patel Educational Trust's

R. C. Patel Arts, Commerce &
Science College,
Shirpur-425405 (Maharashtra)

(02563) 299328
contact@rcpasc.ac.in

Registration

No registration fee

1. Participants need to register with basic details and choose Role as Participant on ATAL Portal (<https://atalacademy.aicte-india.org/signup>)
2. After successful registration, participant will get one verification email and OTP, on provided email and phone respectively.
3. Once participant verifies the email, he/she will be able to login to the ATAL Portal.
4. After login, Participants will see the “General Details” form. Filling this form is mandatory before applying for workshop.
5. Participants can see workshop on, “Leadership and Excellence in Higher Education” created by the Coordinator, R. C. Patel Arts, Commerce & Science College, Shirpur by clicking on the “Workshops” tab on left side menu.
6. Participant can apply for the workshop, by clicking on the plus (+) button. Once he/she applied successfully, one popup will be displayed, mentioning “Applied Successfully”.

Targeted Participants : The faculty members of the AICTE/UGC approved institutions, Research scholars, PG Scholars, participants from Government, Industry (Bureaucrats/ Technicians /Participants from Industry etc.)/School Teachers and staff of host institutions.

The seats are limited to 200 candidates. The preference will be on first-come-first-serve basis. The intimation regarding selection will be sent to the candidates on their ATAL participant portal as well as by email. On completion of the programme the certificates will be awarded to those participants who have attended the program with minimum 80% attendance and scored minimum 60% marks in the test. The programme will be conducted online using video conferencing application **ZOOM**.

Our Patrons



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R. Patel



Hon. Shri. Bhupeshbhai
R. Patel



Hon. Shri. Rajgopal
C. Bhandari



Hon. Prin. Dr. K. B.
Patil

Convener & Chairman

Dr. Dilip R. Patil
Principal

Co-ordinator

Dr. Sandip P. Patil
Head, Microbiology Department

Organizing Secretary

Dr. Ravindra H. Patil
Head, Biotechnology Department

Organizing Committee

Prof. Dr. A. M. Patil

(Vice-Principal)

Prof. Mahesh Patil

Dr. Mohini Patil

Prof. Ashwini Patil

Prof. Varsha Jayaswal

Prof. Shubham Yadav

Mr. Sanjay More

Mr. D. U. Patel

Mr. Mehul Gujrathi

Dr. R. D. Jadhav

(Vice-Principal)

Dr. Leena Shirsath

Prof. Amruta Joshi

Prof. Harsha Pardeshi

Prof. Vishakha Doke

Mr. Ganesh Sonar

Mr. B. T. Chaudhari

Mr. Sandesh Rajput

Mr. Laxmikant More

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Address for Correspondence

Dr. Sandip P. Patil

Email: patilsandip3@gmail.com

Mob. No.: 9881392185 / 9284478255

Dr. Ravindra H. Patil

Email: ravi_nmuh@yahoo.co.in

Mob. No.: 9881921570 / 9403911980

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No: ATAL/2021/1628677522



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

AICTE Training and Learning (ATAL) Academy

Certificate

This is certified that **Mohini Panditrao Patil, Assistant Professor of RC Patel Arts, Commerce and Science College, Shirpur** participated & completed successfully AICTE Training And Learning (ATAL) Academy **Online Elementary FDP on "Leadership and Excellence in Higher Education"** from **23/08/2021 to 27/08/2021** at **RCPET's R. C. Patel Arts, Commerce and Science College, Shirpur.**

Advisor-I, ATAL Academy
Mamta Rani Agarwal



Coordinator

Mrs. Shital Madhu Tawade

Algae Biotechnology

by University of California San Diego

About this Course

For decades, researchers have been studying microalgae to understand their biological functions and how we can use technology to harness algae's power to create a wide range of commercial products.

▼ More



Taught by: Dr. Stephen Mayfield, Professor of Molecular Biology
University of California San Diego




Taught by: Ira "Ike" Levine, Professor, Natural and Applied Sciences
University of Southern Maine


Level	Intermediate
Language	English, Subtitles: Arabic, French, Ukrainian, Chinese (Simplified), Greek, Italian, Portuguese (Brazil), Dutch, Korean, German, Russian, Thai, Indonesian, Swedish, Turkish, Spanish, Hindi, Japanese, Romanian, Kazakh, Polish
How To Pass	Pass all graded assignments to complete the course.
User Ratings	★★★★☆ Average User Rating 4.8

Syllabus

Module 1

Introduction to Algae Biotechnology

 2 videos [expand](#)

 **Graded:** Potential and Challenges of Algae Biotechnology

Module 2

Genetic and Metabolic Engineering of Algae Part 1

[View Full Syllabus](#)

How It Works

General

How do I pass?

To earn your Certificate, you'll need to earn a passing

[▼ More](#)

UC San Diego

Jan 22, 2022

Shital Madhu Tawade

has successfully completed

Algae Biotechnology

an online non-credit course authorized by University of California San Diego and offered through Coursera

COURSE
CERTIFICATE



Handwritten signature of Stephen P. Mayfield in black ink.

Stephen P. Mayfield, Ph.D.
Division of Biological Sciences
University of California, San Diego

Handwritten signature of a professor from the University of Southern Maine in black ink.

Professor, Natural and Applied Sciences
University of Southern Maine

Verify at:
<https://coursera.org/verify/EC3XTC6MV2EM>

Coursera has confirmed the identity of this individual and their participation in the course.

Amar Sewa Mandal's
Kamla Nehru Mahavidyalaya, Nagpur
 (Reaccredited A+ grade with CGPA of 3.53)
 Organizes

**National One Week Faculty Development Programme on
 ICT Tools for Effective Teaching Learning**

Date : 23rd May 2022 to 28th May 2022
 Time : 11.00 am on Zoom and YouTube Live Streaming

INAUGURAL SESSION (11:00 TO 11.30 am)

Welcome Address	Dr. W. B. Gurnule Convenor, FDP Kamla Nehru Mahavidyalaya, Nagpur
Introductory Speech	Dr. D. S. Badwaik, Principal, Kamla Nehru Mahavidyalaya, Nagpur
Guest of Honour Address	Hon'ble Dr. Smeeta Wanjarri Treasurer Amar Sewa Mandal, Nagpur
Chief Guest Address	Hon'ble Dr. S. R. Thakre Joint Director Higher Education Nagpur
Presidential Address	Hon'ble Adv. Abhijit Wanjarri MLC & Secretary, Amar Sewa Mandal, Nagpur
Vote of Thanks	Prof. P. B. Dahikar, Vice Principal, Kamla Nehru Mahavidyalaya, Nagpur

Date: 23rd May, 2022 (Monday) Day-1

TIME	TITLE	NAME OF SPEAKERS
11.30-12.30 PM	Understanding Creative Common Licenses & Its Importance	Dr. Ajay Kushwaha

Date: 24th May, 2022 (Tuesday) Day-2

TIME	TITLE	NAME OF SPEAKERS
11.00-12.30 PM	Introduction of Google Apps and Its Addons	Dr. Kunal Gaikwad

Date: 25th May, 2022 (Wednesday) Day-3

TIME	TITLE	NAME OF SPEAKERS
11.00-12.30 PM	Evaluation and Assessment Tools	Dr. Mamta Baheti

Date: 26th May, 2022 (Thursday) Day-4

TIME	TITLE	NAME OF SPEAKERS
11.00-12.30 PM	Creating Blogs and Websites	Ms. Rinki Moolchandani

Date: 27th May, 2022 (Friday) Day-5

TIME	TITLE	NAME OF SPEAKERS
11.00-12.30 PM	CANVA Presentation	Dr. Prajka Dhote

Date: 28th May, 2022 (Saturday) Day-6

TIME	TITLE	NAME OF SPEAKERS
11.00-12.30 PM	Standardization Research Tools for E-Report Writing	Dr. S. B. Kishor



Amar Sewa Mandal's
Kamla Nehru Mahavidyalaya, Nagpur
(Reaccredited A+ grade with CGPA of 3.53)
Organizes



National One Week Faculty Development Programme on

ICT Tools for Effective Teaching Learning

Certificate of Participation

This is to certify that Ms. Sonawane Priyanka Bhikaji
of R. C. Patel ACS College, Shirpur

has participated in National One Week Faculty Development Programme on ICT Tools for Effective Teaching and Learning, from 23rd May 2022 to 28th May 2022, organized by Amar Sewa Mandal's Kamla Nehru Mahavidyalaya, Nagpur-440024, Maharashtra.

Certificate no: **MLHCKA-CE000171**

Adv. Abhijit Wanjarri
MLC & Secretary
Amar Sewa Mandal, Nagpur

Dr. Smeetaa Wanjarri
Treasurer
Amar Sewa Mandal, Nagpur

Dr. D. S. Badwaik
Principal
Kamla Nehru Mahavidyalaya, Nagpur

Prof. W. B. Gurnule
Convenor, FDP
Kamla Nehru Mahavidyalaya, Nagpur

Made for free with Certify'em

M.A Dr. Shubhangi Gokul Pingle

FDP- Director

Dr. Narendra Kumar Shukla

Professor & Director, Department of MBA

Email: narendrakumarshukla@ggits.org, # 9424707994

FDP- CONVENOR(S)

Dr. Niyati Anand

Associate Professor, Department of MBA

Email: niyatianand@ggits.org, # 9630288430

Dr. Vinamra Nayak

Associate Professor, Department of MBA

Email: vinamranayak@ggits.org, # 9926408188

Dr. Sushmita Mallik

Associate Professor, Department of MBA

Email: sushmitamallik@ggits.org, # 9009444428



Click for Registration

<https://tinyurl.com/fdpgyanganga>

Scan for Payment

Faculty Members : 300/-
Research Scholars :



Dr. Kumardatt A. Ganjre

Director

MGV's IMR, Nashik



Chief Patron

- Er. Shri D.C. Jain

- Er. Shri V.K. Jain

Patrons

- Dr. Rajneet Jain, Chairman

- Shri Pankaj Goyal, Executive Director

- Er. Shri Apurva Singhal, Executive Director

- Shri Miny Raj Modi, Executive Director

- Shri Nitin Jain, Executive Director

- Shri Viny Raj Modi, Executive Director

- Er. Vishesh Jain, Executive Director

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- Dr. D.V.S. Bhagavanulu, Director IQAC

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- Dr. Nitin Jain, Associate Professor

- Dr. Meghna Jain, Associate Professor

- Dr. Shweta Shrivastava, Assistant Professor

- Dr. Abhinica Saha, Assistant Professor

- Mr. Aakash Goutam, Assistant Professor

- Ms. Varsha Jha, Assistant Professor

- Ms. Anubha Thakur, Assistant Professor

- Ms. Deepthi Bhatia, Assistant Professor



**Online
International FDP
on Challenges in
Multidisciplinary
Research**

**Organized By
Mahatma Gandhi
Vidyamandir's
INSTITUTE OF
Management
AND Research**



Mahatma Gandhi Vidyamandir's
INSTITUTE OF MANAGEMENT AND RESEARCH, NASHIK-03

Approved by All India Council of Technical Education (AICTE), New Delhi and Directorate of Technical Education (DTE), Mumbai, permanently affiliated to Savitribai Phule Pune University, Pune, UGC U/s 2(f) & 12 (B) & approved research center in Management.

This certificate is proudly presented to

Dr. SHUBHANGI GOKUL PINGALE

From *R. C. Patel Arts, Commerce & Science College*

for successfully completing Two Weeks (15 Days) **International Faculty Development Programme on "Challenges in Multidisciplinary Research"** from June 15 to 29, 2021 over the online platform.

Kumardatt Ganjre
Dr Kumardatt A Ganjre
Director,
MGV's IMR, Nashik



Dr V S More
Dr V S More,
Joint Secretary
MGV, Nashik

C.No: MGV/IMR/ISO/21/02/FDP



Paleontology: Early Vertebrate Evolution
University of Alberta

Course Material

- Module 1
- Module 2
- Module 3
- Module 4

Grades

Notes

Discussion Forums

Messages

Course Info

Paleontology: Early Vertebrate Evolution

by University of Alberta

About this Course

Paleontology: Early Vertebrate Evolution is a four-lesson course teaching a comprehensive overview of the origin of vertebrates. Students will explore the diversity of Palaeozoic lineages within a phylogenetic and evolutionary framework. This course examines the evolution of major vertebrate novelties including the origin of fins, jaws, and tetrapod limbs. Students also explore key Canadian fossil localities,

More



Taught by: Alison Murray, Ph.D., Associate Professor
Department of Biological Sciences

Commitment	4 weeks of study, 3-5 hours/week
Language	English, Subtitles: Arabic, French, Bengali, Ukrainian, Chinese (Simplified), Greek, Italian, Portuguese (Brazil), Dutch, Korean, German, Pashto, Urdu, Russian, Thai, Indonesian, Swedish, Turkish, Azerbaijani, Spanish, Dari, Hindi, Japanese, Romanian, Kazakh, Hungarian, Polish
How To Pass	Pass all graded assignments to complete the course.
User Ratings	★★★★☆ Average User Rating 4.8

Syllabus

Module 1

The Phanerozoic Begins

In this lesson we take you back to the beginning of the Phanerozoic Eon to learn what it truly means to have backbone, as we encounter the key anatomical features of vertebrates and their closest chordate relatives. We'll also introduce the language of evolution - phylogenetics - as we examine some of the contenders for the title of 'The Earliest Vertebrate', and give you a crash course in sedimentology, so you can begin to piece together the spectacular environments that were home to our early aquatic

More



Paleontology: Early Vertebrate Evolution
University of Alberta

Course Material

Module 1

Module 2

Module 3

Module 4

Grades

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Discussion Forums

Messages 3

Course Info

Syllabus

Module 1

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More

4 videos, 6 readings expand

Graded: Module 1 Assessment (Graded)

Module 2

Learning to Swim

The old problem of the comparative anatomist was exactly how to compare two animals that appeared, at first glance, to look nothing alike. How, do you compare cows and lobsters? Well, in this lesson you'll not only learn how to compare crustaceans and cattle, but you'll also quickly learn that there's more to a vertebrate than just a backbone as we delve into basic vertebrate anatomy. We'll cover all the need-to-know anatomical terms and directions, as well as specialist features like the lateral line

More

3 videos, 1 reading expand

Graded: Module 2 Assessment (Graded)

Module 3

Learning to Bite

The Ordovician, Silurian and Devonian Periods were times of great continental, oceanic and climactic change that brought about the Earth's first mass extinction events. With environmental catastrophes opening up new ecological niches, a trait evolved in early vertebrates that would prove so successful that over 99% of modern vertebrates still retain it: jaws. In this lesson we will try to understand the geographical and temporal background of early vertebrate diversity, as well as the impact and origin of

More

3 videos, 1 reading expand

Graded: Module 3 Assessment (Graded)

Module 4

Learning to Walk

Although this lesson marks the end of the beginning of the vertebrate story, we still have some bones left to pick! In this last



**UNIVERSITY OF
ALBERTA**

Feb 1, 2022

Vandana Murlidhar Patil

has successfully completed

Paleontology: Early Vertebrate Evolution

an online non-credit course authorized by University of Alberta and offered through
Coursera

Alison Murray, Ph.D.
Associate Professor
Department of Biological Sciences

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/HDUXXGFBMLF

Coursera has confirmed the identity of this individual and their
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In Association with

Internal Quality Assurance Cell (IQAC)

R. C. Patel Educational Trust's

R. C. Patel Arts, Commerce &
Science College,
Shirpur-425405 (Maharashtra)

(02563) 299328

contact@rcpasc.ac.in

Registration

No registration fee

1. Participants need to register with basic details and choose Role as Participant on ATAL Portal (<https://atalacademy.aicte-india.org/signup>)
2. After successful registration, participant will get one verification email and OTP, on provided email and phone respectively.
3. Once participant verifies the email, he/she will be able to login to the ATAL Portal.
4. After login, Participants will see the “General Details” form. Filling this form is mandatory before applying for workshop.
5. Participants can see workshop on, “Leadership and Excellence in Higher Education” created by the Coordinator, R. C. Patel Arts, Commerce & Science College, Shirpur by clicking on the “Workshops” tab on left side menu.
6. Participant can apply for the workshop, by clicking on the plus (+) button. Once he/she applied successfully, one popup will be displayed, mentioning “Applied Successfully”.

Targeted Participants : The faculty members of the AICTE/UGC approved institutions, Research scholars, PG Scholars, participants from Government, Industry (Bureaucrats/ Technicians /Participants from Industry etc.)/School Teachers and staff of host institutions.

The seats are limited to 200 candidates. The preference will be on first-come-first-serve basis. The intimation regarding selection will be sent to the candidates on their ATAL participant portal as well as by email. On completion of the programme the certificates will be awarded to those participants who have attended the program with minimum 80% attendance and scored minimum 60% marks in the test. The programme will be conducted online using video conferencing application **ZOOM**.

Our Patrons



Hon. Shri. Amrishbhai
R. Patel



Hon. Shri. Bhupeshbhai
R. Patel



Hon. Shri. Rajgopal
C. Bhandari



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Patil

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Head, Biotechnology Department

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(Vice-Principal)

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Mr. Sanjay More

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Prof. Amruta Joshi

Prof. Harsha Pardeshi

Prof. Vishakha Doke

Mr. Ganesh Sonar

Mr. B. T. Chaudhari

Mr. Sandesh Rajput

Mr. Laxmikant More

About the Institute

The R. C. Patel education trust provides primary, secondary and tertiary education at elementary to advanced level in humanities, management and science including technical and professional courses. The R. C. Patel Arts, Commerce and Science College, Shirpur was established in 1991 by the trust.

R. C. Patel Arts, Commerce and Science College, Shirpur is located in rural tribal area, working with a vision to be pre-eminent institute which bring out the best among the students. The college is Grant-in-aid college sanctioned by Maharashtra state and also runs several self-financing courses. college is permanently affiliated to Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon (Maharashtra) and received 2 (F) and 12 (B) status of University Grant Commission (UGC), New Delhi. College also received Gujarati Minority Status and caters to the higher educational needs of students belonging to rural and semi urban area for last 30 years.

Our Vision

- To be a pre-eminent educational institute where teaching and learning brings out the best in the students.

Our Mission

- To impart the quality education to the students especially to the socially

economically backward students from the middle class in the vicinity with a view that education will make them economically independent.

- To enable our students to face the unknown situations and to make them strong to face the problems of the rapidly changing and increasingly complex world.
- To make our students responsible, sensitive, socially committed and to develop in them spiritual insight and the ideas of patriotism, democracy, secularism, socialism and peace.

Content of FDP to be covered

- Time and energy management
- Effective communication skills
- Goal Setting
- Leading innovation
- Learning Styles for Career Development
- Management Skills
- The positive workplace : A challenge for leader
- Using power effectively : A toolkit for leaders
- Women in leadership
- A way to become a great leader
- Critical thinking
- Importance of listening skills in leadership
- Team development: a challenge for leader
- Building organizational cultures : A framework for leaders.

Detail Session Time-table

Day - 1 : 23/08/2021	
Inauguration	10:00 - 12:00
Session - 1	12:00 - 02:00
Lunch Brake	02:00 - 03:00
Session - 2	03:00 - 05:00

24/08/202 to 27/08/2021	
Session - 1	10:00 - 12:00
Session - 2	12:00 - 02:00
Lunch Brake	02:00 - 03:00
Session - 3	03:00 - 05:00

Address for Correspondence

Dr. Sandip P. Patil

Email: patilsandip3@gmail.com

Mob. No.: 9881392185 / 9284478255

Dr. Ravindra H. Patil

Email: ravi_nmu@yahoo.co.in

Mob. No.: 9881921570 / 9403911980

Important Dates

Last Date of registration : 12th August 2021

Intimation for selection : 16th August 2021

Workshop Dates : 23rd to 27th August 2021

Workshop Time : 10:00 am - 5:00 pm
(3 Sessions each day)



No: ATAL/2021/1628158682



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

AICTE Training and Learning (ATAL) Academy

Certificate

This is certified that **Shubham Vijaykumar Yadav**, Assistant Professor of **R.C.Patel ACS college Shirpur** participated & completed successfully AICTE Training And Learning (ATAL) Academy **Online Elementary FDP** on "**Leadership and Excellence in Higher Education**" from **23/08/2021** to **27/08/2021** at **RCPET's R. C. Patel Arts, Commerce and Science College, Shirpur.**

Advisor-I, ATAL Academy
Mamta Rani Agarwal



Coordinator



Motors and Motor Control Circuits
University of Colorado Boulder

Course Material

- ✓ Week 1
- ✓ Week 2
- ✓ Week 3
- ✓ Week 4
- ✓ Week 5

Grades

Notes

Discussion Forums

Messages

Course Info

Motors and Motor Control Circuits

by University of Colorado Boulder

About this Course

This course can also be taken for academic credit as ECEA 5341, part of CU Boulder's Master of Science in Electrical Engineering degree.

This is our second course in our specialization on Embedding Sensor and Motors. To get the most out of this course, you should first take

More



Taught by: Jay Mendelson, Instructor
Electrical, Computer & Energy Engineering



Taught by: James Zweighaft, Instructor
Electrical, Computer & Energy Engineering

Basic Info	Course 2 of 4 in the Embedding Sensors and Motors Specialization
Level	Intermediate
Commitment	4 weeks of study, 6-10 hours/week
Language	English, Subtitles: Arabic, French, Bengali, Ukrainian, Chinese (Simplified), Greek, Italian, Portuguese (Brazil), Vietnamese, Dutch, Korean, German, Pashto, Urdu, Russian, Thai, Indonesian, Swedish, Turkish, Azerbaijani, Spanish, Dari, Hindi, Japanese, Kazakh, Hungarian, Polish
Hardware Req	Cypress PSoC5 kit CY8CKIT-059, plus more parts defined in reading assignments
How To Pass	Pass all graded assignments to complete the course.
User Ratings	★★★★☆ Average User Rating 4.7

University
of Colorado
BoulderMotors and Motor Control Circuits
University of Colorado Boulder

Course Material

- Week 1
- Week 2
- Week 3
- Week 4
- Week 5

Grades

Notes

Discussion Forums

Messages

Course Info

Syllabus

Week 1

AC Motor Designs

In module 1 you will learn principles of operation of AC induction motors, both single and 3-phase types. You will then learn how to interpret data from torque speed curves, and how to optimize data in these curves based on electrical resistance, inductance, and capacitance. Then you will learn about different types of single phase motors, featuring a video analysis of a split phase motor used in a clothing dryer. You will also learn about typical applications for single phase motors, which will

[▼More](#)8 videos, 2 readings [expand](#)

Graded: Week 1 Quiz

Week 2

AC Motor Control

In module 2 you will learn the details of AC motor specifications and enclosures, as well as how these details are governed by national and international design standards. Then you will learn a detailed methodology for researching design requirements for AC motors, and how to use these requirements to pick the right motor for your needs. Afterwards, you will have lessons on AC motor control components and systems, both manual and automatic. This will culminate in training for you on AC variable

[▼More](#)8 videos, 2 readings [expand](#)

Graded: Week 2 Quiz

Week 3

DC Motors

In module 3 you will learn principles of DC motors, traditional brushed motors, as well as electronically driven brushless motors. We will discuss shunt wound, series wound, compound wound, servo, stepper, and torque motors, with detailed explanation of how commutation and control is implemented in these designs. We will have a lab exercise for you on DC motor speed measurement. We will have another video analysis for you, this time featuring teardown of a paper shredder. Then you

[▼More](#)9 videos, 2 readings [expand](#)

Graded: Week 3 Quiz

Week 4

DC Motor Control and Stepper Motors

In module 4 you will start off with another lab exercise, this time gaining hands-on experience with DC motor control. Then, we will illustrate a simplified stepper motor drive, so you will understand the basic principles involved in stepper motor control. Next, you will do a deep dive into stepper motor specs, operation and commercial driver chips and packages. You will then do another lab exercise, this time on actuating a rotary sensor. We end the module with a comparison of DC vs. AC motors, so you

[▼More](#)8 videos, 3 readings [expand](#)

Graded: Week 4 Quiz

Week 5

Course Projects

In this module you will perform your lab work for the Course. There will be two labs

4 readings [expand](#)

Graded: Course Project 1

Graded: Course Project 2



University of Colorado

Boulder | Colorado Springs | Denver | Anschutz Medical Campus

Mar 9, 2022

SHAIKH SAJID SHAIKH ALTAF

has successfully completed

Motors and Motor Control Circuits

an online non-credit course authorized by University of Colorado Boulder and offered through Coursera

Jay Mendelson James Zweighaft

Jay Mendelson
Instructor
Electrical, Computer, & Energy Engineering
University of Colorado Boulder

James Zweighaft
Instructor
Electrical, Computer, & Energy Engineering
University of Colorado Boulder

**COURSE
CERTIFICATE**



Verify at:

<https://coursera.org/verify/4XUETKJQ38P7>

Coursera has confirmed the identity of this individual and their participation in the course.

Steering Committee

Chief Patron

Hon. Namdar Shri Radhakrishna Vikhe Patil
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Pravara Rural Education Society, Pravaranagar

Hon. Sau. Shalinitai Vikhe Patil
Ex. President & Member, Z.P. Ahmednagar.

Dr. Shivanand Hiremath
Additional, CEO,
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Pravara Rural Education Society, Pravaranagar.

PREC Advisory Committee

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Dr. B. L. Pangarkar

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Dr. P. A. Pawar
(Registrar, SPPU, Pune)

Coordinator

Mr. A. P. Londhe
(Head, Engineering Science)
PREC, Loni,
Contact: 9850209643
Email Id: londheap@pravaraengg.org.in

Organizing Committee

Mr. B.R.Mhaske (Co-Coordinator)
Contact: 9503501637
Email Id: mhaskebr@pravaraengg.org.in

Mr. R. V. Tambe

Mr. S. R. Nimbalkar

Ms. K. M. Baste

Ms. R. R. Gore

Mr. A. R. Parhad

Mr. R. B. Thete

Mrs. P. M. Tayade

Mr. S. S. Pandharkar

Ms. A. S. Pawar

Mr. K. N. Zamare

Registration Link

<https://forms.gle/ZITw9NZkGvyYXHNA>

No registration fees (Limited Seats-Max.100)



LOKNETE DR. BALASAHEB VIKHE PATIL
(PADMA BHUSHAN AWARDEE)
PRAVARA
RURAL EDUCATION
SOCIETY
PRAVARANAGAR



One-Week AICTE-ISTE Approved
FDP / Refresher Program

ON

Recent Trends in Nanotechnology

(Online Mode)

During

28th Dec 2021 to 3rd Jan 2022

Organized by

Loknete Dr. Balasaheb Vikhe Patil (Padma Bhushan Awardee)
Pravara Rural Education Society's

PRAVARA RURAL ENGINEERING COLLEGE, LONI

Department of Engineering Science

Pin: 413736, Tel: (02422) 273204/539
E-mail: principal@pravaraengg.org.in,
Website: pravaraengg.org.in





AICTE-ISTE INDUCTION/REFRESHER PROGRAMMES – 2021-22

Pravara Rural Engineering College, Loni,

Web: www.pravaraengg.org.in, www.pravara.in

Cordially invites you for

THE INAUGURAL FUNCTION

AICTE-ISTE FDP/Refresher Program on

Recent Trends in Nanotechnology.

(28 Dec. 2021 to 03 Jan. 2022)

Presided by
Col B Venkat,
Director (Faculty Development)
AICTE, New Delhi

Special Address by
Dr. Pratapsinh Desai
President (ISTE),
New Delhi

INAUGURATION

Principal Address
Dr. S.M. Gulhane
Principal, PREC, Loni

Program Overview
Mr. A. P. Londhe
Coordinator of Program

Time: 28th December 2021 at 9:15 AM

Online mode



PROGRAMME SCHEDULE

9:30 AM TO 10:30 AM

- ❖ Welcome note by Mr. S.R. Nimbalkar. (3 min)

- ❖ Inauguration by Dr. Col B Venkat (Director FDP Cell AICTE)

and Dr. Pratapsinh Desai President (ISTE), ISTE. (3 min)

- ❖ Program Overview by Mr. A. P. Londhe (Coordinator), (05 min)

- ❖ Guest Address by Dr. Pratapsinh Desai, President (ISTE), (15 min)

- ❖ Principal Address by Dr. S.M. Gulhane, (10 min)

- ❖ Presidential Address by Dr. Col B Venkat (Director FDP Cell AICTE), (15 min)

- ❖ Vote of thanks by Mr. R.V. Tambe, (2 min)



Certificate



This is to certify that **MRS. KINNARI MACHINDRANATH PATIL** has successfully completed the AICTE-ISTE approved Orientation/Refresher Programme on **“Recent Trends in Nanotechnology”** held during **28.12.2021** to **03.01.2022** organized by **Pravara Rural Engineering College, Loni, Maharashtra.**

Director (FDC)
AICTE, ND

Executive Secretary
ISTE, ND

Program Coordinator
PREC, Loni

Principal
PREC, Loni

Mrs. Joshi Amruta Arvind

SARS-CoV-2 Protein Modeling and Drug Docking

by Coursera Project Network

About this Project

In this 1-hour long project-based course, you will construct a 3D structure of a SARS-CoV-2 protein sequence using homology modeling and perform molecular docking of drugs against this protein molecule and infer protein-drug interaction. We will accomplish it in by completing each task in the project which includes

▼ More




Taught by: **Bhagesh Hunakunti**, Project Instructor
Coursera


✓ Level	Intermediate
🕒 Commitment	1 hour
💬 Language	English
🎓 How To Pass	Pass all graded assignments to complete the guided project

Project 1

Project Overview

By the end of this project, you will construct a 3D structure of a SARS-CoV-2 protein sequence using homology modeling and perform molecular docking of drugs against this protein molecule and infer protein-drug interaction which is essential in drug screening and discovery phase.

 2 readings [expand](#)

 **Graded:** Graded Quiz: Test your Project understanding



Feb 28, 2022

Amruta Arvind Joshi

has successfully completed

SARS-CoV-2 Protein Modeling and Drug Docking

an online non-credit project authorized by Coursera Project Network and offered through Coursera

Bhagesh Humakanti
Project Instructor
Coursera

PROJECT
CERTIFICATE



Verify at:

<https://coursera.org/verify/43NN4JFH4GK4>

Coursera has confirmed the identity of this individual and their participation in the project.

Amar Sewa Mandal's
Kamla Nehru Mahavidyalaya, Nagpur
 (Reaccredited A+ grade with CGPA of 3.53)
 Organizes
**National One Week Faculty Development Programme on
 ICT Tools for Effective Teaching Learning**

Date : 23rd May 2022 to 28th May 2022
 Time : 11.00 am on Zoom and YouTube Live Streaming

INAUGURAL SESSION (11:00 TO 11.30 am)

Welcome Address	Dr. W. B. Gurnule Convener, FDP Kamla Nehru Mahavidyalaya, Nagpur
Introductory Speech	Dr. D. S. Badwaik, Principal, Kamla Nehru Mahavidyalaya, Nagpur
Guest of Honour Address	Hon'ble Dr. Smeetaa Wanjarri Treasurer Amar Sewa Mandal, Nagpur
Chief Guest Address	Hon'ble Dr. S. R. Thakre Joint Director Higher Education Nagpur
Presidential Address	Hon'ble Adv. Abhijit Wanjarri MLC & Secretary, Amar Sewa Mandal, Nagpur
Vote of Thanks	Prof. P. B. Dahikar, Vice Principal, Kamla Nehru Mahavidyalaya, Nagpur

Date: 23rd May, 2022 (Monday) Day-1

TIME	TITLE	NAME OF SPEAKERS
11.30-12.30 PM	Understanding Creative Common Licenses & Its Importance	Dr. Ajay Kushwaha

Date: 24th May, 2022 (Tuesday) Day-2

TIME	TITLE	NAME OF SPEAKERS
11.00-12.30 PM	Introduction of Google Apps and Its Addons	Dr. Kunal Gaikwad

Date: 25th May, 2022 (Wednesday) Day-3

TIME	TITLE	NAME OF SPEAKERS
11.00-12.30 PM	Evaluation and Assessment Tools	Dr. Mamta Baheti

Date: 26th May, 2022 (Thursday) Day-4

TIME	TITLE	NAME OF SPEAKERS
11.00-12.30 PM	Creating Blogs and Websites	Ms. Rinki Moolchandani

Date: 27th May, 2022 (Friday) Day-5

TIME	TITLE	NAME OF SPEAKERS
11.00-12.30 PM	CANVA Presentation	Dr. Prajкта Dhote

Date: 28th May, 2022 (Saturday) Day-6

TIME	TITLE	NAME OF SPEAKERS
11.00-12.30 PM	Standardization Research Tools for E-Report Writing	Dr. S. B. Kishor



Amar Sewa Mandal's
Kamla Nehru Mahavidyalaya, Nagpur

(Reaccredited A+ grade with CGPA of 3.53)

Organizes



National One Week Faculty Development Programme on

ICT Tools for Effective Teaching Learning

Certificate of Participation

This is to certify that Dr Milind Bhagwanrao Bachute
of R C patel Arts Commerce and Science College Shirpur

has participated in National One Week Faculty Development Programme on ICT Tools for Effective Teaching and Learning, from 23rd May 2022 to 28th May 2022, organized by Amar Sewa Mandal's Kamla Nehru Mahavidyalaya, Nagpur-440024, Maharashtra.

Certificate no:
D8THJ8-CE000588-589

Adv. Abhijit Wanjarri
MLC & Secretary
Amar Sewa Mandal, Nagpur

Dr. Smeetaa Wanjarri
Treassurer
Amar Sewa Mandal, Nagpur

Dr. D. S. Badwaik
Principal
Kamla Nehru Mahavidyalaya, Nagpur

Prof. W. B. Gurnule
Convenor, FDP
Kamla Nehru Mahavidyalaya, Nagpur

Made for free with Certify'em

Mrs. Ashwini Chandrakant Patil



Understanding Plants - Part II: Fundamentals of Plant Biology

Tel Aviv University

Course Material

✓ Week 1

✓ Week 2

✓ Week 3

✓ Week 4

Grades

Notes

Discussion Forums

Messages

Resources

Course Info

Understanding Plants - Part II: Fundamentals of Plant Biology

by Tel Aviv University

About this Course

This class is aimed at people interested in understanding the basic science of plant biology. In this four lecture series, we'll first learn about the structure-function of plants and of plant cells. Then we'll try to understand how plants grow and develop, making such complex structures as flowers. Once we know how plants grow and develop, we'll then delve into understanding photosynthesis - how plants take carbon dioxide from the air and water from soil, and turn this into oxygen for us to breathe and sugars for us to eat. In the last lecture we'll learn about the fascinating, important and controversial science behind genetic engineering in agriculture.

If you haven't taken it already, you may also be interested in my other course - What A Plant Knows, which examines how plants see, smell, hear and feel their environment: <https://www.coursera.org/learn/plantknows>.

In order to receive academic credit for this course you must successfully pass the academic exam on campus. For information on how to register for the academic exam - <https://taonline.tau.ac.il/registration>

Additionally, you can apply to certain degrees using the grades you received on the courses. Read more on this here - <https://go.tau.ac.il/b.a/mooc-acceptance>

Teachers interested in teaching this course in their class rooms are invited to explore our Academic High school program here - <https://taonline.tau.ac.il/online-highschool>

Show less



Taught by: **Professor Daniel Chamovitz, Ph.D.**
President, Ben-Gurion University of the Negev



Understanding Plants - Part II:
Fundamentals of Plant Biology
Tel Aviv University

Course Material

-  Week 1
-  Week 2
-  Week 3
-  Week 4

Grades

Notes

Discussion Forums

Messages


Resources


Course Info

Syllabus

Week 1


Course Introduction and Plant Cell Structure

 10 videos, 3 readings [expand](#)

 **Graded:** Lecture 1 Quiz

Week 2


Whole-Plant Structure

 6 videos, 1 reading [expand](#)

 **Graded:** Lecture 2 Quiz

Week 3


Photosynthesis

 8 videos, 1 reading [expand](#)

 **Graded:** Lecture 3 Quiz

Week 4

Plant genetic engineering

 9 videos, 1 reading [expand](#)



Feb 25, 2022

Ashwini Chandrakant Patil

has successfully completed

Understanding Plants - Part II: Fundamentals of Plant Biology

an online non-credit course authorized by Tel Aviv University and offered through Coursera

Daniel A. Chamovitz, Ph.D.
Department of Molecular Biology and Ecology of Plants
Tel Aviv University

**COURSE
CERTIFICATE**



Verify at:

<https://coursera.org/verify/7LACTCB88BUY>

Coursera has confirmed the identity of this individual and their participation in the course.

Miss. Shweta Rameshwar Upadhyay



DEPARTMENT OF SCIENCE & HUMANITIES
By Sponsorship
JEC INNOVATION CLUB

ORGANIZES
A SEVEN DAY ONLINE FACULTY DEVELOPMENT PROGRAMME ON
Advanced Materials for Future Science (AMFS-2021)

With the Blessings of
Dr. Jeppiaar, M.A., B.L., Ph.D.
Founder, Jeppiaar Educational Trust

Under The Guidance Of
Dr. M. Regeena Jeppiaar, B.Tech., M.B.A., Ph.D.
Chairman & Managing Director, Jeppiaar Group of Institutions

In The Presence Of
Dr. V. Natarajan, M.E., Ph.D.
Principal, Jeppiaar Engineering College

Dr. Shaleesha A Stanley, M.E., Ph.D.
Dean - Academics, Jeppiaar Engineering College

CHIEF GUEST



Dr. T.S. Natarajan
Professor, IIT Tirupathi
Andhra Pradesh

PREPARATION OF NANO FIBERS AND THEIR APPLICATION

6th SEP 2021
11:00 AM to 12:30 PM

PLATFORM :  Google Meet

GREET LINK: <https://meet.google.com/umy-iti-stp>



JEPPIAAR
ENGINEERING COLLEGE

Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai - 600 119.

DEPARTMENT OF SCIENCE AND HUMANITIES

IN ASSOCIATION WITH
JEC INNOVATION CLUB

SEVEN DAYS ONLINE FACULTY DEVELOPMENT PROGRAMME

ADVANCED MATERIALS FOR FUTURE SCIENCE (AMFS)

CERTIFICATE OF PARTICIPATION

This is to certify that

Ms SHWETA RAMESHWAR UPADHYAY

**Assistant professor R.C.Patel Art's Commerce and Science College
Shirpur**

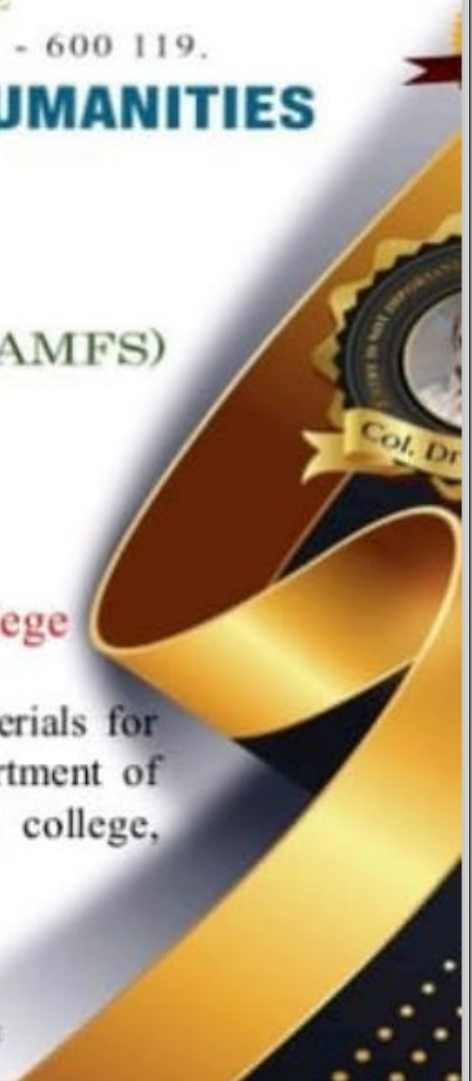
Has participated and successfully completed 7 days FDP on Advanced Materials for Future Science from 6th to 13th September 2021 organized by the Department of Science and Humanities (Physics & Chemistry), Jeppiaar Engineering college, Chennai-600119, India.

CONVENER

JEPPIAAR ENGINEERING COLLEGE

PRINCIPAL

JEPPIAAR ENGINEERING COLLEGE



The Modern World, Part One: Global History from 1760 to 1910

by University of Virginia

About this Course

This is a survey of modern history from a global perspective. Part One begins with the political and economic revolutions of the late 1700s and tracks the transformation of the world during the 1800s. Part One concludes as these bewildering changes seem to be running beyond the capacity of older institutions to handle them. Throughout the course we try to grasp what is happening and ask: Why? And

[▼ More](#)



Taught by: **Philip Zelikow**, White Burkett Miller Professor of History

✓ Level	Beginner
🕒 Commitment	7 weeks of study, 2-4 hours/week
💬 Language	English, Subtitles: Arabic, French, Bengali, Ukrainian, Chinese (Simplified), Greek, Italian, Portuguese (Brazil), Vietnamese, Dutch, Korean, German, Pashto, Urdu, Russian, Thai, Indonesian, Swedish, Turkish, Azerbaijani, Spanish, Dari, Hindi, Japanese, Romanian, Kazakh, Hungarian, Polish
🎓 How To Pass	Pass all graded assignments to complete the course.
★ User Ratings	★★★★☆ Average User Rating 4.8


Syllabus


Module 1

Syllabus

Module 1


From the Traditional to the Modern - Commercial and Military Revolutions (1760-1800)


 9 videos [expand](#)

 **Graded:** Week One Quiz

Module 2


Democratic Revolutions of the Atlantic World (1760-1800)


 7 videos [expand](#)

 **Graded:** Week Two Quiz

Module 3


Revolutionary Wars (1800-1830)

 6 videos [expand](#)

 **Graded:** Week Three Quiz

Module 4

The World Transformed (1830-1870)

 6 videos [expand](#)



Nov 11, 2021

Ramesh Jadhav

has successfully completed

**The Modern World, Part One: Global History from
1760 to 1910**

an online non-credit course authorized by University of Virginia and offered through
Coursera

A handwritten signature in black ink that reads "Philip Zelickow".

Philip Zelickow
White Burkett Miller Professor of History
Corcoran Department of History
University of Virginia

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/LZN34WGK26E5
Coursera has confirmed the identity of this individual and their
participation in the course.



AICTE Training and Learning (ATAL) Academy

Sponsored
Faculty Development Programme on
“Leadership and Excellence
in Higher Education”

23rd - 27th August 2021



Organized by
**Department of Microbiology
& Biotechnology**

In Association with
Internal Quality Assurance Cell (IQAC)
R. C. Patel Educational Trust's
**R. C. Patel Arts, Commerce &
Science College,**
Shirpur-425405 (Maharashtra)

(02563) 299328
contact@rcpasc.ac.in

Registration

No registration fee

1. Participants need to register with basic details and choose Role as Participant on ATAL Portal (<https://atalacademy.aicte-india.org/signup>)
2. After successful registration, participant will get one verification email and OTP, on provided email and phone respectively.
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Our Patrons



Hon. Shri. Amrishbhai
R. Patel



Hon. Shri. Bhupeshbhai
R. Patel



Hon. Shri. Rajgopal
C. Bhandari



Hon. Prin. Dr. K. B.
Patil

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Dr. Dilip R. Patil
Principal

Co-ordinator

Dr. Sandip P. Patil
Head, Microbiology Department

Organizing Secretary

Dr. Ravindra H. Patil
Head, Biotechnology Department

Organizing Committee

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(Vice-Principal)
Prof. Mahesh Patil
Dr. Mohini Patil
Prof. Ashwini Patil
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Prof. Shubham Yadav
Mr. Sanjay More
Mr. D. U. Patel
Mr. Mehul Gujrathi

Dr. R. D. Jadhav
(Vice-Principal)
Dr. Leena Shirsath
Prof. Amruta Joshi
Prof. Harsha Pardeshi
Prof. Vishakha Doke
Mr. Ganesh Sonar
Mr. B. T. Chaudhari
Mr. Sandesh Rajput
Mr. Laxmikant More

About the Institute

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Content of FDP to be covered

- Time and energy management
- Effective communication skills
- Goal Setting
- Leading innovation
- Learning Styles for Career Development
- Management Skills
- The positive workplace : A challenge for leader
- Using power effectively : A toolkit for leaders
- Women in leadership
- A way to become a great leader
- Critical thinking
- Importance of listening skills in leadership
- Team development: a challenge for leader
- Building organizational cultures : A framework for leaders.

Detail Session Time-table

Day - 1 : 23/08/2021

Inauguration	10:00 - 12:00
Session - 1	12:00 - 02:00
Lunch Brake	02:00 - 03:00
Session - 2	03:00 - 05:00

24/08/2021 to 27/08/2021

Session - 1	10:00 - 12:00
Session - 2	12:00 - 02:00
Lunch Brake	02:00 - 03:00
Session - 3	03:00 - 05:00

Address for Correspondence

Dr. Sandip P. Patil

Email: patilsandip3@gmail.com
Mob. No.: 9881392185 / 9284478255

Dr. Ravindra H. Patil

Email: ravi_nmu@yahoo.co.in
Mob. No.: 9881921570 / 9403911980

Important Dates

Last Date of registration : 12th August 2021
Intimation for selection : 16th August 2021
Workshop Dates : 23rd to 27th August 2021
Workshop Time : 10:00 am - 5:00 pm
(3 Sessions each day)



No: ATAL/2021/1627983910



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

AICTE Training and Learning (ATAL) Academy

Certificate

This is certified that **Sanjay Gorakh Bachhav, Associate Professor** of **R. C. Patel Arts, Commerce & Science College, Shirpur** participated & completed successfully AICTE Training And Learning (ATAL) Academy **Online Elementary FDP** on "**Leadership and Excellence in Higher Education**" from **23/08/2021** to **27/08/2021** at **RCPET's R. C. Patel Arts, Commerce and Science College, Shirpur.**

A handwritten signature in blue ink, appearing to read 'Mamta'.

Advisor-I, ATAL Academy
Mamta Rani Agarwal



A handwritten signature in blue ink, appearing to read 'Gurinder'.

Coordinator



To Enroll

<https://swayam.gov.in/NPTEL>
onlinecourses.nptel.ac.in

ENROLMENT IS
FREE



12 week

08 week

04 week

support@nptel.iitm.ac.in

044-2257 5905

044-2257 5908

BIOTECHNOLOGY & BIOENGINEERING

S.No.	Title of the Course	Instructor	Institution	Course Start Date	Exam Date	FDP
1	Maternal Infant Young Child Nutrition	Prof. Rupal Dalal	IITB	January 24, 2022	April 23, 2022	Yes
2	Computational Systems Biology	Prof. Karthik Raman	IITM	January 24, 2022	April 23, 2022	Yes
3	Material and Energy Balances	Prof. Vignesh Muthuvijayan	IITM	January 24, 2022	April 23, 2022	No
4	Optical Spectroscopy and Microscopy : Fundamentals of optical measurements and instrumentation	Prof. Balaji Jayaprakash	IISc	January 24, 2022	April 23, 2022	Yes
5	Aspects Of Biochemical Engineering	Prof. Debabrata Das	IITKGP	January 24, 2022	April 23, 2022	Yes
6	Interactomics : Basics & Applications	Prof. Sanjeeva Srivastava	IITB	January 24, 2022	April 23, 2022	Yes
7	Basics of Biology	Prof. Vishal Trivedi	IITG	January 24, 2022	April 23, 2022	No
8	Biochemistry - IITM	Prof. Subramaniam K	IITM	January 24, 2022	April 23, 2022	No
9	Forests And Their Management	Prof. Ankur Awadhiya	IITK	January 24, 2022	April 23, 2022	Yes
10	Structural Biology	Prof. Saugata Hazra	IITR	January 24, 2022	April 23, 2022	Yes
11	Conservation Economics	Prof. Ankur Awadhiya	IITK	January 24, 2022	April 23, 2022	Yes
12	Bioinformatics: Algorithms and Applications	Prof. Michael Gromiha	IITM	January 24, 2022	April 24, 2022	Yes
13	Thermodynamics for Biological Systems : Classical and Statistical Aspect	Prof. G. K. Suraishkumar Prof. Sanjib Senapati	IITM	January 24, 2022	April 24, 2022	No
14	Bioengineering: An Interface with Biology and Medicine	Prof. Sanjeeva Srivastava	IITB	January 24, 2022	March 27, 2022	No
15	Biostatistics and Design of experiments	Prof. Mukesh Doble	IITM	January 24, 2022	March 27, 2022	Yes
16	Cell Biology: Cellular organization, division and processes	Prof. Shikha Laloraya	IISc	January 24, 2022	March 27, 2022	Yes
17	Bioreactor Design and Analysis	Prof. Smita Srivastava	IITM	January 24, 2022	March 27, 2022	Yes
18	Biointerface Engineering	Prof. Lalit M. Pandey	IITG	January 24, 2022	March 27, 2022	Yes
19	Medical Biomaterials	Prof. Mukesh Doble	IITM	February 21, 2022	April 23, 2022	Yes
20	Data Analysis for Biologists	Prof. Biplab Bose	IITG	February 21, 2022	April 23, 2022	Yes
21	Introductory Mathematical Methods for Biologists	Prof. Ranjit Padinhateeri	IITB	February 21, 2022	April 24, 2022	Yes
22	Nanotechnology In Agriculture	Prof. Mainak Das	IITK	February 21, 2022	April 24, 2022	Yes
23	Metabolic Engineering	Prof. Pinaki Sar Prof. Amit Ghosh	IITKGP	February 21, 2022	April 24, 2022	Yes
24	Introduction to Professional Scientific Communication	Prof. S. Ganesh	IITK	January 24, 2022	March 27, 2022	Yes
25	Human Molecular Genetics	Prof. S. Ganesh	IITK	January 24, 2022	March 27, 2022	Yes
26	Demystifying The Brain	Prof. Srinivas Chakravarthy	IITM	January 24, 2022	March 27, 2022	Yes

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

Roll No: NPTEL22BT22S14200077

To
SANDIP PRAKASH PATIL
21A, SANT SENA NAGAR, KARVAND ROAD
SHIRPUR, DIST.- DHULE
SHIRPUR
MAHARASHTRA - 425405
PH. NO :9881392185



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:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
SANDIP PRAKASH PATIL
for successfully completing the course

Biochemistry

with a consolidated score of **49** %

Online Assignments	15.88/25	Proctored Exam	33.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **14**

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jan-Apr 2022
(12 week course)

Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No:NPTEL22BT22S14200077

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



DEPARTMENT OF SCIENCE & HUMANITIES
In Collaboration
JEC INNOVATION CLUB

ORGANIZES
A SEVEN DAY ONLINE FACULTY DEVELOPMENT PROGRAMME ON
**Advanced Materials for Future Science
(AMFS-2021)**

With the Blessings of
SAYONOR **Dr. Jeppiaar, M.A., B.L., Ph.D.**
Founder, Jeppiaar Educational Trust

Under The Guidance Of
Dr. M. Regeena Jeppiaar, B.Tech., M.B.A., Ph.D.
Chairman & Managing Director, Jeppiaar Group of Institutions

In The Presence Of
Dr. V. Natarajan, M.E., Ph.D.
Principal, Jeppiaar Engineering College

Dr. Shaleesha A Stanley, M.E., Ph.D.
Dean - Academics, Jeppiaar Engineering College

CHIEF GUEST



Dr. T.S. Natarajan
Professor, IIT Tirupathi
Andhra Pradesh

**PREPARATION OF NANO
FIBERS AND THEIR
APPLICATION**

6th SEP 2021
11.00 AM to 12.30 PM

PLATFORM :  Google Meet

MEET LINK: <https://meet.google.com/umy-iti-stp>



JEPPIAAR
ENGINEERING COLLEGE

Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai - 600 119.

DEPARTMENT OF SCIENCE AND HUMANITIES

IN ASSOCIATION WITH
JEC INNOVATION CLUB

SEVEN DAYS ONLINE FACULTY DEVELOPMENT PROGRAMME

ADVANCED MATERIALS FOR FUTURE SCIENCE (AMFS)

CERTIFICATE
OF PARTICIPATION

This is to certify that

Mrs KINNARI MACHINDRANATH PATIL
Assistant professor R.C.Patel.ASC College Shirpur

Has participated and successfully completed 7 days FDP on Advanced Materials for Future Science from 6th to 13th September 2021 organized by the Department of Science and Humanities (Physics & Chemistry), Jeppiaar Engineering college, Chennai-600119. India.


CONVENER

JEPPIAAR ENGINEERING COLLEGE


PRINCIPAL

JEPPIAAR ENGINEERING COLLEGE





Matrix Algebra for Engineers
The Hong Kong University of Science and Technology

Course Material

- ✔ Week 1
- ✔ Week 2
- ✔ Week 3
- ✔ Week 4

Grades

Notes

Discussion Forums

Messages

Course Info

Matrix Algebra for Engineers

by The Hong Kong University of Science and Technology

About this Course

This course is all about matrices, and concisely covers the linear algebra that an engineer should know. The mathematics in this course is presented at the level of an advanced high school student, but it is recommended that students take this course after completing a university-level single variable calculus course. There are no derivatives or integrals involved, but students are expected to have a basic level of mathematical maturity. Despite this, anyone interested in learning the basics of matrix algebra is welcome to join.

The course consists of 38 concise lecture videos, each followed by a few problems to solve. After each major topic, there is a short practice quiz. Solutions to the problems and practice quizzes can be found in the instructor-provided lecture notes. The course spans four weeks, and at the end of each week, there is an assessed quiz.

Download the lecture notes from the link
<https://www.math.hkust.edu.hk/~machas/matrix-algebra-for-engineers.pdf>

And watch the promotional video from the link
<https://youtu.be/lZcyZHomFQc>

Show less



Taught by: [Jeffrey R. Chasnov](#), Professor
Department of Mathematics

Basic Info	Course 1 of 5 in the Mathematics for Engineers Specialization
Level	Beginner
Commitment	4 weeks of study, 4-5 hours/week
Language	English, Subtitles: Arabic, French, Bengali, Ukrainian, Chinese (Simplified), Greek, Italian, Portuguese (Brazil), Vietnamese, Dutch, Korean, German, Pashto, Urdu, Russian, Thai, Indonesian, Swedish, Turkish, Azerbaijani, Spanish, Dari, Hindi, Japanese, Kazakh, Hungarian, Polish
How To Pass	Pass all graded assignments to complete the course.



Matrix Algebra for Engineers
The Hong Kong University of Science and Technology

Course Material

- Week 1
- Week 2
- Week 3
- Week 4

Grades

Notes

Discussion Forums

Messages

Course Info

Syllabus

Week 1

MATRICES

Matrices are rectangular arrays of numbers or other mathematical objects. We define matrices and how to add and multiply them, discuss some special matrices such as the identity and zero matrix, learn about transposes and inverses, and define orthogonal and permutation matrices.

11 videos, 25 readings, 4 practice quizzes [expand](#)

Graded: Week One Assessment

Week 2

SYSTEMS OF LINEAR EQUATIONS

A system of linear equations can be written in matrix form, and can be solved using Gaussian elimination. We learn how to bring a matrix to reduced row echelon form, and how this can be used to compute a matrix inverse. We learn how to find the LU decomposition of a matrix, and how to use this decomposition to efficiently solve a system of linear equations with evolving right-hand sides.

7 videos, 6 readings, 2 practice quizzes [expand](#)

Graded: Week Two Assessment

Week 3

VECTOR SPACES

A vector space consists of a set of vectors and a set of scalars that is closed under vector addition and scalar multiplication and that satisfies the usual rules of arithmetic. We learn some of the vocabulary and phrases of linear algebra, such as linear independence, span, basis and dimension. We learn about the four fundamental subspaces of a matrix, the Gram-Schmidt process, orthogonal projection, and the matrix formulation of the least-squares problem of drawing a straight line to fit noisy

[More](#)

13 videos, 14 readings, 4 practice quizzes [expand](#)

Graded: Week Three Assessment

Week 4

EIGENVALUES AND EIGENVECTORS

An eigenvector of a matrix is a nonzero column vector that when multiplied by the matrix is only multiplied by a scalar, called the eigenvalue. We learn about the eigenvalue problem and how to use determinants to find the eigenvalues of a matrix. We learn how to compute determinants using the Laplace expansion, the Leibniz formula, or by row or column elimination. We also learn how to diagonalize a matrix using its eigenvalues and eigenvectors, and how this leads to an easy calculation of a matrix

[More](#)



Jan 27, 2022

chandrashekhar Anil Bhavsar

has successfully completed

Matrix Algebra for Engineers

an online non-credit course authorized by The Hong Kong University of Science and Technology and offered through Coursera

A handwritten signature in black ink that reads "Jeffrey Chasnov".

Jeffrey R. Chasnov
Professor
Department of Mathematics

**COURSE
CERTIFICATE**



Verify at:

<https://coursera.org/verify/9FCHRNB7YTDS>

Coursera has confirmed the identity of this individual and their participation in the course.



From Climate Science to Action

The World Bank Group

Course Material

Module 1

Module 2

Module 3

Module 4

Grades

Notes

Discussion Forums

Messages

Resources

Course Info

Reset deadlines [How it works](#)

You can reset your deadline to submit overdue assignments

Reset my deadlines

From Climate Science to Action

by The World Bank Group

About this Course

Each part of the world faces specific vulnerabilities to climate change and has different opportunities to mitigate the effects and build resilience in the 21st century. With the ratification of the Paris Agreement, many countries have acceded to act in combatting climate change. Indeed, without climate action, decades of sustainable development is at risk, thus making this a 'make or break' point in time.

More



Taught by: **Alan S. Miller**, Principal Climate Change Specialist



Taught by: **Claudia Barrera**, Senior Carbon Finance Specialist

Level	Beginner
Language	English, Subtitles: Arabic, French, Bengali, Ukrainian, Chinese (Simplified), Greek, Italian, Portuguese (Brazil), Dutch, Korean, German, Pashto, Urdu, Russian, Thai, Indonesian, Swedish, Turkish, Azerbaijani, Spanish, Dari, Hindi, Japanese, Kazakh, Hungarian, Polish
How To Pass	Pass all graded assignments to complete the course.



From Climate Science to Action
The World Bank Group

Course Material

- Module 1
- Module 2
- Module 3
- Module 4

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Course Info

Module 1

Climate Change in the 21st Century

Week 1 will introduce you to the growing and well-documented body of evidence regarding observed changes in the climate system. Week 1 will also provide an overview of the projected changes in climate up until the end of the 21st century.

4 videos, 10 readings [expand](#)

Graded: Week 1

Module 2

Sectoral and Regional Impacts

Week 2 will introduce you to the climate impacts across different regions of the planet. If warming goes beyond 2°C, multiple threats associated with a warming planet such as extreme heat waves, sea-level rise, more intense storms, droughts and floods, will be more frequent and will have severe negative implications for the poorest and most vulnerable.

10 videos, 10 readings [expand](#)

Graded: Week 2

Graded: Local Impacts of Climate Change

Module 3

From Science to Action on Climate Change

Week 3 will introduce you to a region-specific understanding of challenges on what mitigation and adaptation actions are needed to reduce emissions, at the same time decreasing vulnerability to climate change impacts and building climate resilience. The module will draw on key regional experts involved in the implementation of different policy instruments.

15 videos, 4 readings [expand](#)

Graded: Week 3

Module 4

What You Can Do

This week will introduce you to the types of actions not just by your country, but by different actors including yourself, to embark on a low-emissions development trajectory that would help limit warming to below 2°C.

4 videos, 3 readings [expand](#)

Graded: Final Project: Digital Artifact - What Can You Do?



Sep 21, 2021

Pralhad Yadav Magare

has successfully completed

From Climate Science to Action

an online non-credit course authorized by The World Bank Group and offered through
Coursera

Alan Miller C.P. Barrera

Dr. Alan S. Miller, Claudia Barrera
Principal Climate Change Specialist, Senior Carbon Finance Specialist
World Bank Group

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/KGGY3V2UV27X
Coursera has confirmed the identity of this individual and their
participation in the course.



Moralities of Everyday Life
Yale University

Course Material

- ✓ Module 1
- ✓ Module 2
- ✓ Module 3
- ✓ Module 4
- ✓ Module 5
- ✓ Module 6
- ✓ Module 7

Grades

Notes

Discussion Forums

Messages

Course Info

Reset my bookmarks

Moralities of Everyday Life

by Yale University

About this Course

How can we explain kindness and cruelty? Where does our sense of right and wrong come from? Why do people so often disagree about moral issues? This course explores the psychological foundations of our moral lives.



Taught by: **Paul Bloom**, Brooks and Suzanne
Ragen Professor of Psychology and Cognitive Science
at Yale University
Psychology

Language	English, Subtitles: Arabic, French, Bengali, Ukrainian, Chinese (Simplified), Greek, Italian, Portuguese (Brazil), Vietnamese, Dutch, Korean, German, Pashto, Urdu, Russian, Thai, Indonesian, Albanian, Swedish, Turkish, Azerbaijani, Spanish, Dari, Hindi, Japanese, Romanian, Kazakh, Hungarian, Polish
How To Pass	Pass all graded assignments to complete the course.
User Ratings	★★★★☆ Average User Rating 4.8

Syllabus

Module 1



Moralities of Everyday Life
Yale University

Course Material

- Module 1
- Module 2
- Module 3
- Module 4
- Module 5
- Module 6
- Module 7

Grades

Notes

Discussion Forums

Messages

Course Info

Syllabus

Module 1

Welcome to Moralities of Everyday Life!

1 video, 3 readings [expand](#)

Module 2

The Big Questions

What is morality, anyway? What are the big debates in the field of moral psychology?

9 videos, 1 reading [expand](#)

Graded: Week 1 Quiz

Module 3

Compassion

Where does concern for others come from? How is it related to empathy—and is more empathy necessarily a good thing? And what can we learn from the study of those who seemingly lack normal moral feelings, such as violent psychopaths?

6 videos, 1 reading [expand](#)

Graded: Week 2 Quiz

Module 4

Origins of Morality

Here, we ask about which aspects of morality are universal. We discuss evolution, cross-cultural research, and the fascinating new science of the moral life of babies.

10 videos, 1 reading [expand](#)

Graded: Week 3 Quiz

Module 5

Differences

How does culture influence our moral thought and moral action? What role does religion play? Why are some of us conservative and others liberal, and how do political differences influence our sense of right and wrong?

9 videos, 1 reading [expand](#)

Graded: Week 4 Quiz

Module 6

Family, Friends, and Strangers

Our moral feelings are usually most powerful towards our kin (such as our parents and our children) and our friends and allies. We will discuss these special bonds, and then turn to the morality of racial and ethnic bias. Then we use the tools of behavioral economics to explore the controversial question of whether we are ever truly altruistic to strangers.

10 videos, 1 reading [expand](#)

Graded: Week 5 Quiz

Module 7

Yale

Mar 6, 2022

Rajanikant Vasant Sonar

has successfully completed

Moralities of Everyday Life

an online non-credit course authorized by Yale University and offered through Coursera



Paul Bloom
Brooks and Suzanne Ragen Professor of Psychology
Yale University

COURSE
CERTIFICATE



Verify at:

coursera.org/verify/YYJTC58JSNN8

Coursera has confirmed the identity of this individual and their participation in the course.



AICTE Training and Learning (ATAL) Academy

Sponsored
Faculty Development Programme on
“Leadership and Excellence
in Higher Education”

23rd - 27th August 2021



Organized by

Department of Microbiology
& Biotechnology

In Association with

Internal Quality Assurance Cell (IQAC)
R. C. Patel Educational Trust's
**R. C. Patel Arts, Commerce &
Science College,
Shirpur-425405 (Maharashtra)**

(02563) 299328
contact@rcpasc.ac.in

Registration

No registration fee

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Co-ordinator

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Head, Biotechnology Department

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Mr. Sandesh Rajput
Mr. Laxmikant More

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- Using power effectively : A toolkit for leaders
- Women in leadership
- A way to become a great leader
- Critical thinking
- Importance of listening skills in leadership
- Team development: a challenge for leader
- Building organizational cultures : A framework for leaders.

Detail Session Time-table

Day - 1 : 23/08/2021	
Inauguration	10:00 - 12:00
Session - 1	12:00 - 02:00
Lunch Brake	02:00 - 03:00
Session - 2	03:00 - 05:00

24/08/202 to 27/08/2021	
Session - 1	10:00 - 12:00
Session - 2	12:00 - 02:00
Lunch Brake	02:00 - 03:00
Session - 3	03:00 - 05:00

Address for Correspondence

Dr. Sandip P. Patil

Email: patilsandip3@gmail.com
Mob. No.: 9881392185 / 9284478255

Dr. Ravindra H. Patil

Email: ravi_nmu@yahoo.co.in
Mob. No.: 9881921570 / 9403911980

Important Dates

Last Date of registration : 12th August 2021
Intimation for selection : 16th August 2021
Workshop Dates : 23rd to 27th August 2021
Workshop Time : 10:00 am - 5:00 pm
(3 Sessions each day)



No: ATAL/2021/1627711968



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

AICTE Training and Learning (ATAL) Academy

Certificate

This is certified that **Ravindra Himmatrao Patil, Associate Professor** of **R.C. Patel A.S.C. College, Shirpur - 425 405 Maharashtra, India** participated & completed successfully AICTE Training And Learning (ATAL) Academy **Online Elementary FDP on "Leadership and Excellence in Higher Education"** from **23/08/2021 to 27/08/2021** at **RCPET's R. C. Patel Arts, Commerce and Science College, Shirpur.**

A handwritten signature in blue ink, appearing to read 'Mamta'.

Advisor-I, ATAL Academy
Mamta Rani Agarwal



A handwritten signature in blue ink, appearing to read 'Gurdeep'.

Coordinator


[Reset my deadlines](#)








Write Professional Emails in English
Georgia Institute of Technology

Write Professional Emails in English

by Georgia Institute of Technology

 **Course Material**

-  Module 1
-  Module 2
-  Module 3
-  Module 4
-  Module 5

Grades

Notes

Discussion Forums

Messages

Resources

Course Info

About this Course

This is a course to help you write effective business emails in English. This course is unique because each module will provide tips on writing more professional emails as well as lessons to improve your overall English writing skills. Therefore, you will improve your grammar and vocabulary skills for email writing and also improve your cross cultural knowledge to make you more powerful and successful in your business communication. You will look at different email formats to analyze tone, formality levels, and various organizational styles. You will be able to improve your emails of introduction, announcements, requests and emails that apologize or revise a request. In this course you will write and revise 4-5 emails, complete several comprehension quizzes and review the emails of other participants.

By the end of this course, you will be able to

- Improve your overall written English skills
- See differences and similarities among the different email formats
- Write more effective subject lines and email text
- Apply various key language to different types of emails
- Correct common errors such as punctuation and capitalization
- Study tone and level of formality in emails
- Understand how culture affects what is appropriate in a business emails
- Write powerful business emails for professional needs

[Show less](#)



Taught by: [Gerry Landers](#), Lecturer
Georgia Tech Language Institute



Write Professional Emails in English
Georgia Institute of Technology

Course Material

- ✓ Module 1
- ✓ Module 2
- ✓ Module 3
- ✓ Module 4
- ✓ Module 5

Grades

Notes

Discussion Forums

Messages

Resources

Course Info

Syllabus

Module 1

Get to Know Basic Email Writing Structures

1) Understand basic professional email structures in English. 2) Identify key things to do and things to avoid. 3) Learn how to do basic editing of punctuation and capitalization.

5 videos, 4 readings, 3 practice quizzes [expand](#)

Graded: Rewrite Kevin's Email

Module 2

Let's Start Writing

1) Write more effective subject lines. 2) Understand the organization of email text. 3) Write better email text.

2 videos, 1 reading, 2 practice quizzes [expand](#)

Graded: Complete Monica's Email

Module 3

Introduction and Announcement Emails

1) Analyze and identify the traits of introductions and announcement emails. 2) Learn and use key language for these types of emails to revise your first email.

2 videos, 1 reading, 2 practice quizzes [expand](#)

Graded: Revise Your Introduction Email

Module 4

Request and Apology Emails

1) Analyze and identify the traits of request and apology emails. 2) Learn specific language associated with making request and apologies. 3) Practice focused key language.

2 videos, 1 reading, 2 practice quizzes [expand](#)

Graded: Complete Martina's Request/Apology Email

Module 5

Culture Matters

1) Review cultural effects on all your email writing. 2) Learn how to distinguish different ways people communicate and how to apply these differences to email writing.

2 videos, 2 readings, 1 practice quiz [expand](#)

Graded: Test Your Knowledge: Correct These Emails

Graded: Write an Email to Yourself

[New Log](#)



9 Sep, 2021

Kamalakar Raman Patil

has successfully completed

Write Professional Emails in English

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera

A handwritten signature in black ink, appearing to read "Gerry Landers".

Gerry Landers
Lecturer
GT Language Institute

**COURSE
CERTIFICATE**



Verify at:
<https://coursera.org/verify/4V7UTR7NY2P>

Coursera has confirmed the identity of this individual and their participation in the course.

Dr. Raghunath Pandharinath Mahajan

AICTE TRAINING & LEARNING (ATAL) ACADEMY

AICTE is committed to the development of quality technical education in the country by initiating various schemes launched by the Government of India, Ministry of Human Resource Development. The Council understands that it is essential to train the younger generation in the skill sector and to have faculty and technicians trained in their respective disciplines. Training with the latest tools and technologies is vital to keeping an institute competitive and more productive. Such training increases the knowledge and skills of students, making them more employable and capable of acquiring global competencies. It also helps them harmonize with society and, most importantly, become good citizens of the country. Accordingly, it was decided to open AICTE Training and Learning (ATAL) Academies

About the Institution:

DMI Engineering College is a Christian Minority Institution of Higher Technical Education, approved by All India Council for Technical Education (AICTE), Government of Tamil Nadu and affiliated to Anna University, Chennai, was established in the year 2009. The College is promoted and managed by sisters of the society of DMI, which was founded in the year 1984 by Rev.Fr.Dr.J.E.Arulraj. The college offers seven UG programmes in Engineering

ORGANIZING COMMITTEE

CHIEF PATRON:

Rev.Fr.Dr.J.E.Arulraj, Founder &
Chairman, DMI& MMI Group of
Institution.

PATRON:

Rev.Sr.Dr.Arockia Mary
Administrator,
DMIEC,Aralvaimozhi.
Dr.A.Albert Raj
Principal
DMIEC,Aralvaimozhi.

CONVENER:

Dr. B Baron Sam
Associate Professor & Head of
Dept. AI & DS, DMIEC, Aralvaimozhi.

CO-ORDINATORS:

Mrs. Princy Usha M
Assistant Professor & Head of Dept. CSE,
DMIEC, Aralvaimozhi,
Princyusha@dmiengg.edu.in.
9445272413

AICTE Training and Learning(ATAL) Academy
Sponsored One Week Faculty Development
Program(FDP) on "*Artificial Intelligence in
Blockchain*"

04.10.2021 to 08.10.2021



Organized by

DMI
ENGINEERING COLLEGE
Run by Sisters of DMI

Department of AI & DS

DMI Engineering College
Aralvaimozhi,

Kanyakumari District-629301

(Approved by AICTE, New Delhi & Affiliated

to Anna University, Chennai)

In association with

AICTE Training and Learning (ATAL)





DMI
ENGINEERING COLLEGE
Run by Sisters of DMI

AICTE Training and Learning(ATAL) Academy Sponsored One Week Faculty Development Program(FDP) on "Crypto Currency and Blockchain Technology"

ABOUT THE PROGRAMME

"AI in Blockchain" offers a deep dive into the integration of artificial intelligence with blockchain technology. It includes lectures, hands-on workshops, and interactive sessions covering key concepts, advanced techniques, and real-world applications. Participants will gain practical skills and comprehensive knowledge to effectively apply AI in blockchain solutions.

TOPICS TO BE COVERED

- Foundations of Blockchain and AI Synergy
- Core AI Techniques and Blockchain Principles
- Advanced AI Implementations for Blockchain Innovations
- Practical Applications of AI in Blockchain Ecosystems
- Emerging Trends and Future Directions in AI-Blockchain Integration
- Specialized Topics and Cutting-Edge Developments
- Interactive Workshops and Practical Skills Development

Registration Form
AICTE Training and Learning(ATAL) Academy
Sponsored One Week Faculty Development
Program(FDP) on
" Crypto Currency and Blockchain
Technology"
(04-10-2021 to 08-10-2021)

Name

Gender

Designation

Institution

Academic Qualification.....

Specialization

E-mail

Mobile

Date

Accommodation (Yes/No).....

Signature of Applicant

RESOURCE PERSONS

The sessions will be handled by the experts on the subject from industry and other reputed institutions

WHO SHOULD ATTEND?

Registration is open to faculty from relevant discipline from AICTE approved institutions. Participants will be admitted on first-come first-served basis

REGISTRATION FEE

No fees will be charged from faculties working in AICTE approved institutions

SELECTION PROCESS

Only 50 seats are available for the workshop. Participants will be selected on first-come first-serve basis and selected candidates will be intimated through email only.

Last Date of Registration : 20.08.2024

Date of Confirmation of Selected Participants:

No: ATAL/2021/1629793331



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

AICTE Training and Learning (ATAL) Academy

Certificate

This is certified that **Raghunath Pandharinath Mahajan**, Assistant Professor of **R. C. Patel ACS College Shirpur** participated & completed successfully AICTE Training And Learning (ATAL) Academy **Online Advanced FDP on "Cryptocurrency and Blockchain Technology"** from **30/08/2021** to **03/09/2021** at **Punjab Engineering College**.

Advisor-I, ATAL Academy
Mamta Rani Agarwal



Coordinator



Foundations of Project Management
Google

Course Material

- Module 1
- Module 2
- Module 3
- Module 4

Grades

Notes

Discussion Forums

Messages

Resources

Course Info

Foundations of Project Management

by Google

About this Course







This course is the first in a series of six to equip you with the skills you need to apply to introductory-level roles in project management. Project managers play a key role in leading, planning and implementing critical projects to help their organizations succeed. In this course, you'll discover foundational project management terminology and gain a deeper understanding of the role and responsibilities of a project manager. We'll also introduce you to the kinds of jobs you might pursue after completing this program. Throughout the program, you'll learn from current Google project managers, who can provide you with a multi-dimensional educational experience that will help you build your skills for on-the-job application.

Learners who complete this program should be equipped to apply for introductory-level jobs as project managers. No previous experience is necessary.

By the end of this course, you will be able to:

- Define project management and describe what constitutes a project.
- Explore project management roles and responsibilities across a variety of industries.
- Detail the core skills that help a project manager be successful.
- Describe the life cycle of a project and explain the significance of each phase.
- Compare different program management methodologies and approaches and determine which is most effective for a given project.
- Define organizational structure and culture and explain how it impacts project management.
- Define change management and describe the role of the project manager in the process.

[Show less](#)

 Basic Info	Course 1 of 6 in the Google Project Management: Specialization
 Level	Beginner
 Language	English, Subtitles: Arabic, French, Portuguese (Brazil), Vietnamese, German, Russian, Indonesian, Turkish, Spanish, Romanian
 How To Pass	Pass all graded assignments to complete the course.
 User Ratings	 Average User Rating 4.9



Foundations of Project Management

Google

Course Material

✓ Module 1

✓ Module 2

✓ Module 3

✓ Module 4

Grades

Notes

Discussion Forums

Messages

Resources

Course Info

Syllabus

Module 1

Embarking on a career in project management

You will learn how the program is structured, what project management is and what a project manager does, how to apply your skills from previous work experience to project management roles, what types of project management roles you could pursue after completing this certificate, and how to search for those positions.

10 videos, 5 readings, 1 practice quiz [expand](#)

Graded: Module 1 Challenge

Module 2

Becoming an effective project manager

You will learn how project managers add value to organizations and to their teams, what the role and responsibilities of a project manager entail, and what core skills a project manager needs to be successful.

11 videos, 5 readings, 5 practice quizzes [expand](#)

Graded: Module 2 Challenge

Module 3

The project management life cycle and methodologies

You will learn about the phases of the project life cycle, what tasks they involve, and why it is important to complete them. You will also learn about the different project management methodologies and approaches and which is most effective for a given project.

8 videos, 5 readings, 2 practice quizzes [expand](#)

Graded: Module 3 Challenge

Module 4

Organizational structure and culture

You will learn about common organizational structures and how they impact project management, how organizational culture impacts project management, and how a project manager contributes to the change management process. Optionally, you can start to develop your strategy and professional network to help you prepare for your job search.



Sep 20, 2021

Bhanudas Suresh Panchabhai

has successfully completed

Foundations of Project Management

an online non-credit course authorized by Google and offered through Coursera

Amanda Brophy
Global Director of Google Career Certificates

COURSE
CERTIFICATE



Verify at:

<https://coursera.org/verify/FT7GLWB8GQYZ>

Coursera has confirmed the identity of this individual and their participation in the course.



Feminism and Social Justice
University of California, Santa Cruz

Course Material

- ✓ Module 1
- ✓ Module 2
- ✓ Module 3
- ✓ Module 4

Grades

Notes

Discussion Forums

Messages

Course Info

Feminism and Social Justice

by University of California, Santa Cruz

About this Course

"Feminism and Social Justice" is an adaptation of Distinguished Professor Bettina Aptheker's long-running course at UC Santa Cruz. In the course, Professor Aptheker presents a broad definition of feminism that serves to frame three significant events in the history of feminism and social justice: the Empire Zinc strike of 1951, the 1971-1972 trial of Angela Davis, and the #metoo Movement.



Taught by: **Bettina Aptheker**, Distinguished Professor
Feminist Studies Department

✓ Level	Beginner
💬 Language	English, Subtitles: Arabic, French, Bengali, Ukrainian, Chinese (Simplified), Greek, Italian, Portuguese (Brazil), Vietnamese, Dutch, Korean, German, Pashto, Urdu, Russian, Thai, Indonesian, Swedish, Turkish, Azerbaijani, Spanish, Dari, Hindi, Japanese, Kazakh, Hungarian, Polish
🎓 How To Pass	Pass all graded assignments to complete the course.
★ User Ratings	★★★★★ Average User Rating 4.8



Feminism and Social Justice
University of California, Santa Cruz

Course Material

Module 1

Module 2

Module 3

Module 4

Grades

Notes

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Messages

Course info

Syllabus

Module 1

What is feminism?

Feminism is a movement, a philosophical perspective, and a driver of social change. It has various goals and constituencies, and it continues to be adapted in response to new conditions.

In this module, you will be introduced to Dr. Aptheker's working definition of feminism, which she has cultivated and refined over her prolific career. You will also have an opportunity to discuss the meaning and purpose of feminism with your fellow

▼More

2 videos, 1 reading [expand](#)

Graded: Defining Feminism

Module 2

Salt of the Earth

In 1951, zinc miners in southwestern New Mexico went on strike in response to the Empire Zinc Company's discriminatory treatment of Mexican-American workers and their families. After the miners were prevented from protesting by a court order, their wives maintained the picket line.

In this module, you will learn about the causes, conditions, and outcomes of the strike. You will also hear the story of the

▼More

2 videos [expand](#)

Graded: Salt of the Earth

Module 3

Free Angela!

In 1970, FBI agents arrested the feminist scholar and activist Angela Davis for her alleged connection to the Soledad Brothers, inmates of Soledad Prison in central California who were accused of killing a guard. At the time of the arrest, President Richard Nixon referred to Davis as a "terrorist." In this module, you will hear Dr. Aptheker's personal experience of Davis' arrest and trial, and you will learn about the extraordinary movement that grew in support of Davis.

1 video [expand](#)

Graded: Free Angela!

Module 4

The #metoo Movement

The hashtag "metoo" appeared on social media in 2017 in response to a number of high-profile sexual assault allegations in the entertainment industry. It quickly spread to other societal domains and continues to spur discussion and action around the world. In this module, you will learn about the causes and outcomes of the #metoo movement, and its contribution to feminism and social justice. You will also have an opportunity to discuss recent changes resulting from the #metoo movement with your

▼More

1 video [expand](#)

Graded: #metoo

View Less

UC SANTA CRUZ

Oct 13, 2021

Sudhakar Sitaram Chaudhari

has successfully completed

Feminism and Social Justice

an online non-credit course authorized by University of California, Santa Cruz and offered through Coursera



Bettina Aptheker
Distinguished Professor
Feminist Studies Department
University of California, Santa Cruz

COURSE
CERTIFICATE



Verify at:
<https://coursera.org/verify/A24YH8JVXK4T>

Coursera has confirmed the identity of this individual and their participation in the course.



The Science of Well-Being
Yale University

Course Material

- Module 1
- Module 2
- Module 3
- Module 4
- Module 5
- Module 6
- Module 7
- Module 8
- Module 9
- Module 10

Grades

Notes

Discussion Forums

Messages

Resources

Course Info

The Science of Well-Being

by Yale University

About this Course

NEW TEEN VERSION AVAILABLE HERE: <https://www.coursera.org/learn/the-science-of-well-being-for-teens>

In this course you will engage in a series of challenges designed to increase your own happiness and build more productive habits. As preparation for these tasks, Professor Laurie Santos reveals misconceptions about happiness, annoying features of the mind that lead us to think the way we do, and the research that can help us change. You will ultimately be prepared to successfully incorporate a specific wellness activity into your life.

THE SCIENCE OF WELL BEING WAS PRODUCED IN PART DUE TO THE GENEROUS FUNDING OF THE DAVID F. SWENSEN FUND FOR INNOVATION IN TEACHING.

Show less



Taught by: **Laurie Santos**, Professor
Psychology

Language	English, Subtitles: Arabic, French, Ukrainian, Chinese (Simplified), Greek, Italian, Portuguese (Brazil), Vietnamese, Dutch, Korean, German, Russian, Thai, Indonesian, Swedish, Turkish, Spanish, Hindi, Japanese, Lithuanian, Kazakh, Persian, Hungarian, Polish
How To Pass	Pass all graded assignments to complete the course.
User Ratings	★★★★☆ Average User Rating 4.9

Syllabus

Module 1
Introduction



The Science of Well-Being
Yale University

Course Material

- Module 1
- Module 2
- Module 3
- Module 4
- Module 5
- Module 6
- Module 7
- Module 8
- Module 9
- Module 10

Grades

Notes

Discussion Forums

Messages

Resources

Course Info

Syllabus

Module 1

Introduction
Why take this course?
4 Videos, 10 readings, expand

Module 2

Misconceptions About Happiness
What do we think will make us happy?
7 Videos, 3 readings, expand
Graded: Week 2 Quiz

Module 3

Why Our Expectations are so Bad
Why do we mispredict what makes us happy?
8 Videos, 3 readings, expand
Graded: Week 3 Quiz

Module 4

How Can We Overcome Our Biases
How we counteract our annoying features of the mind?
7 Videos, 3 readings, expand
Graded: Week 4 Quiz

Module 5

Stuff that Really Makes Us Happy
What can we do to improve our happiness?
11 Videos, 3 readings, expand
Graded: Week 5 Quiz

Module 6

Putting Strategies into Practice
How can we intentionally put these strategies into practice and build healthier habits?
5 Videos, 3 readings, expand
Graded: Week 6 Quiz

Module 7

Start Your Reinvention Challenge
What reinvention will you commit to for the next 4 weeks?
3 Videos, 3 readings, 1 practice quiz, expand

Module 8

Continue Your Reinvention Challenge
How can you rely on others to help you change your behavior?
3 Videos, 2 readings, 1 practice quiz, expand

Module 9

Continue Your Reinvention Challenge
How can you design your environment to help you change your behavior?
3 Videos, 2 readings, 1 practice quiz, expand

Module 10

Submit Your Final Assignment
What milestones can you have to appreciate your progress so far and continue your progress beyond the course?
4 Videos, 6 readings, expand
Graded: Reflect on the Reinvention Challenge

Yale

Nov 6, 2021

Bharat Daga Patil

has successfully completed

The Science of Well-Being

an online non-credit course authorized by Yale University and offered through Coursera



Laurie Santos
Professor
Psychology

COURSE
CERTIFICATE



Verify at:
coursera.org/verify/U9CXNFSFBQRC

Coursera has confirmed the identity of this individual and their participation in the course. This participant has successfully completed the Science of Well-Being, a 16-hour, online, non-credit course developed by Dr. Laurie Santos, authorized by Yale University, and offered through Coursera. Please consult your accrediting body to see if they will award continuing credits for completion of this course. This certificate does not confer Yale University grade, credit or student status.

Introduction to Semiconductor Devices 1
Korea Advanced Institute of Science and Technology(KAIST)

Course Material

- Week 1
- Week 2
- Week 3
- Week 4
- Week 5
- Week 6
- Week 7

Grades

Notes

Discussion Forums

Messages

Course Info

Reset my deadlines

Introduction to Semiconductor Devices 1

by Korea Advanced Institute of Science and Technology(KAIST)

About this Course

This course aims to provide a general understanding of semiconductor devices. This course explores the principles and the operation mechanism of semiconductor, such as charge transfer, p-n junction, junction capacitors, and Metal-Oxide-Semiconductor Field Effect Transistors(MOSFETs).

More



Taught by: **Keon Jae Lee**, Introduction to Semiconductor Devices
Material Science Engineering

<input checked="" type="checkbox"/> Level	Intermediate
<input checked="" type="checkbox"/> Commitment	2-4 hours/week
<input checked="" type="checkbox"/> Language	English, Subtitles: Arabic, French, Ukrainian, Chinese (Simplified), Greek, Italian, Portuguese (Brazil), Dutch, Korean, German, Russian, Thai, Indonesian, Swedish, Turkish, Spanish, Hindi, Japanese, Kazakh, Polish
<input checked="" type="checkbox"/> How To Pass	Pass all graded assignments to complete the course.
<input checked="" type="checkbox"/> User Ratings	★★★★☆ Average User Rating 4.7

Syllabus



Introduction to Semiconductor Devices 1
Korea Advanced Institute of Science and Technology(KAIST)

Course Material

- Week 1
- Week 2
- Week 3
- Week 4
- Week 5
- Week 6
- Week 7

Grades

Notes

Discussion Forums

Messages

Course Info

Syllabus

Week 1

Week 1 Overview, Semiconductor History & Industry

3 videos, 2 readings [expand](#)

Week 2

Week 2 Crystal Properties, Energy Bands

[View Full Syllabus](#)

How It Works

General

How do I pass?

To earn your Certificate, you'll need to earn a passing

[More](#)

KAIST



Sep 3, 2021

Dr. Avinash Arun Patil

has successfully completed

Introduction to Semiconductor Devices 1

an online non-credit course authorized by Korea Advanced Institute of Science and Technology(KAIST) and offered through Coursera

KeonJae Lee
Professor
Material Science and Engineering

COURSE
CERTIFICATE



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Coursera has confirmed the identity of this individual and their participation in the course.



Reset my deadlines



Citizenship and the Rule of Law
University of London

Citizenship and the Rule of Law

by University of London

Course Material

- ✓ Week 1
- ✓ Week 2
- ✓ Week 3
- ✓ Week 4
- ✓ Week 5
- ✓ Week 6

Grades

Notes

Discussion Forums

Messages

Resources

Course Info

About this Course

"Be you so high, the law is above you." This principle, part of the Rule of Law, has come to represent the powerful idea that even politicians and monarchs are bound by the law. However in an age of powerful corporations, international cyber-crime and popular support for authoritarian leaders, the Rule of Law is under threat worldwide.

More



Taught by: **Michael Abiodun Olatokun**, Research Fellow in Citizenship and The Rule of Law; Head of Public and Youth Engagement
The Bingham Centre for the Rule of Law

✓ Level	Beginner
🕒 Commitment	6 weeks of study, 3 hours/week, for a total of 18 hours of study.
💬 Language	English, Subtitles: Arabic, French, Bengali, Ukrainian, Chinese (Simplified), Greek, Italian, Portuguese (Brazil), Vietnamese, Dutch, Korean, German, Pashto, Urdu, Russian, Thai, Indonesian, Swedish, Turkish, Azerbaijani, Spanish, Dari, Hindi, Japanese, Kazakh, Hungarian, Polish
🎓 How To Pass	Pass all graded assignments to complete the course.
★ User Ratings	★★★★☆ Average User Rating 4.8

Syllabus



Citizenship and the Rule of Law University of London

Course Material

- ✓ Week 1
- ✓ Week 2
- ✓ Week 3
- ✓ Week 4
- ✓ Week 5
- ✓ Week 6

Grades

Notes

Discussion Forums

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Resources

Course Info

User Ratings

★★★★☆ Average User Rating 4.8

Syllabus

Week 1

A Potted History of the Rule of Law

Welcome to the first week of the course. Week 1 is an overview of the headline debates concerning the Rule of Law and a discussion of how it applies in practice today. You will be taken through a historical account of the development of the principle over time from Aristotle's first statement of the Rule of Law to the modern work of the Bingham Centre. This teaching session will also serve as an introduction to debates about the requirements of the Rule of Law, i.e. whether it passes judgment on if

More

9 videos, 11 readings, 1 practice quiz expand

Graded: Week 1 Quiz

Week 2

Judges: Independence, Tenure and Appointment

Welcome to the second week of the course. Week 2 will focus on processes for the selection and appointment of judges, the importance of public confidence in the judiciary and the role that judges play in securing the Rule of Law.

2 videos, 3 readings expand

Graded: Week 2 Quiz

Week 3



**UNIVERSITY
OF LONDON**

Sep 24, 2021

Ramsing Rajya Vasave

has successfully completed

Citizenship and the Rule of Law

an online non-credit course authorized by University of London and offered through
Coursera

Michael Olatokun

Michael Abiodun Olatokun FRSA
The Bingham Centre for the Rule of Law
British Institute of International and Comparative Law
Research Fellow in Citizenship and The Rule of Law
Head of Public and Youth Engagement

**COURSE
CERTIFICATE**



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Coursera has confirmed the identity of this individual and their
participation in the course.



Create a Glossary in Microsoft Word 365

Coursera Project Network

Project Material

Project

Grades

Notes

Discussion Forums

Messages

Project Info

Create a Glossary in Microsoft Word 365

by Coursera Project Network

About this Project

Long and technical documents may need a glossary of terms at the end of the document to assist readers in understanding the terminology used. Microsoft Word 365 is a free program available online that can be used to create a high-quality, effective glossary.

More



Taught by: **Lindsey Dumser**, Subject Matter Expert
Freedom Learning Group

✓ Level	Beginner
🕒 Commitment	1.5 hours
💬 Language	English
🎓 How To Pass	Pass all graded assignments to complete the guided project.
★ User Ratings	★★★★☆ Average User Rating 4.7



Create a Glossary in Microsoft Word 365

Coursera Project Network

▼ **Project Material**

✔ Project

Grades

Notes

Discussion Forums

Messages

Project Info

Syllabus

Project 1

Project Overview

By the end of this project, you will create a glossary in an easy-to-follow step by step format using Microsoft 365. You will be confident in creating and formatting a glossary of terms that you can easily add at the end of any document to inform and engage readers.

📖 1 reading [expand](#)

📝 **Graded:** Assess Your Knowledge

How It Works

General

How do I pass?

To earn your Certificate, you'll need to earn a passing

▼ [More](#)



Sep 27, 2021

Anita Bharatsing Jadhav

has successfully completed

Create a Glossary in Microsoft Word 365

an online non-credit course authorized by Coursera Project Network and offered through Coursera

Lindsey Dumser

Lindsey Dumser
Subject Matter Expert
Freedom Learning Group

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/JGALSRL2MZ

Coursera has confirmed the identity of this individual and their participation in the course.

Mr. Anand Jayantilal Maheshwari

No: ATAL/2021/1632723959



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

AICTE Training and Learning (ATAL) Academy

Certificate

This is certified that **Anand Jayantilal Maheshwari, Assistant Professor of R. C. Patel Arts, Commerce and Science College Shirpur** participated & completed successfully AICTE Training And Learning (ATAL) Academy **Online Elementary FDP on "ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING: RESEARCH AND APPLICATION PRESPECTIVE"** from **25/10/2021 to 29/10/2021** at **Ballari Institute of Technology and Management.**

Advisor-I, ATAL Academy
Mamta Rani Agarwal



Coordinator

Dr. Anil Gambhirrao Sonawane



POLITECNICO MILANO 1863

Fundamentals of financial and management accounting

Politecnico di Milano

Course Material

- ✓ Week 1
- ✓ Week 2
- ✓ Week 3
- ✓ Week 4
- ✓ Week 5

Grades

Notes

Discussion Forums

Messages

Course Info

Fundamentals of financial and management accounting

by Politecnico di Milano

About this Course

This is an introductory course on financial and management accounting.

The first part of this course will introduce the basic accounting principles and accounting terminology to understand how a company keeps control of financial events and provides information on how it is performing. These basic concepts will support the analysis of financial reports companies prepare. We will go through balance sheet, income statement, financial statement, learning how to read and analyze them.

The course will also provide the basis of management accounting introducing some techniques (e.g. break-even analysis or NPV) to support managers in making short-term and long-term decisions, such as "Is it convenient to dispose a production machine and buy a new one?" or "How many products should the company sell in order to break-even?"

The course will bring examples and case studies that will help students better understand the practical applications of the basic accounting principles and techniques.

At the end of the course, students will be able to read, understand and analyze financial documents and to apply simple techniques to analyse costs and evaluate capital investment decisions.

[Show less](#)



Taught by: **Deborah Agostino**, Associate professor full time
MIP - Graduate School of Business

✓ Level	Beginner
🕒 Commitment	4-6 hours/week
💬 Language	English, Subtitles: Arabic, French, Bengali, Ukrainian, Chinese (Simplified), Greek, Italian, Portuguese (Brazil), Vietnamese, Dutch, Korean, German, Pashto, Urdu, Russian, Thai, Indonesian, Swedish, Turkish, Azerbaijani, Spanish, Dari, Hindi, Japanese, Kazakh, Hungarian, Polish



Fundamentals of financial and management accounting
Politecnico di Milano

Course Material

- Week 1
- Week 2
- Week 3
- Week 4
- Week 5

Grades

Notes

Discussion Forums

Messages

Course Info

Syllabus

Week 1

Week 1 - Introduction to accounting

Within this week we will define what is an enterprise, what is accounting and we will discuss the distinction between financial and management accounting.

5 videos [expand](#)

Graded: Week 1 - Quiz 1

Graded: Week 1 - Quiz 2

Week 2

Financial reports

Within this week we will learn what is the "Annual report" and its components: balance sheet, income statement, cash flow statement.

9 videos, 1 reading [expand](#)

Graded: Week 2 - Quiz 1

Graded: Week 2 - Quiz 2

Week 3

Management accounting

Within this week we will learn the definition of management accounting, the definition of costs and their classification and the reference schema for cost allocation (proportional vs causal allocation).

8 videos, 2 readings [expand](#)

Graded: Week 3 - Quiz 1

Graded: Week 3 - Quiz 2

Week 4

Long-term decision making

Within this week we will learn the definition of decision making and the classification of the different types of decisions. We will introduce the concept of investment appraisal and explain the NPV formula for investment appraisal. We will furthermore solve small example of NPV application.

6 videos, 1 reading [expand](#)

Graded: Week 4 - Quiz 1

Graded: Week 4 - Quiz 2

Week 5

Short term decision making

Within this week we will introduce the basic concepts of short-term decision making: contribution margin, fixed costs, variable costs and avoidable costs. We will approach cost-volume-profit analysis and discuss examples of it.

9 videos, 4 readings [expand](#)

Graded: Week 5 - Quiz 1

Graded: Week 5 - Quiz 2

Graded: Final Quiz



POLITECNICO
MILANO 1863

Dec 23, 2021

ANIL GAMBHIRRAO SONAWANE

has successfully completed

**Fundamentals of financial and management
accounting**

an online non-credit course authorized by Politecnico di Milano and offered through
Coursera

Deborah Agostini

Deborah Agostini
Associate professor full time
MIP - Graduate School of Business

**COURSE
CERTIFICATE**



Verify at:
<https://coursera.org/verify/ZJRF6NWC74TF>

Coursera has confirmed the identity of this individual and their
participation in the course.

Mr. Sunil D. Mone

No:ATAL/2021/1626157204



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

AICTE Training And Learning (ATAL) Academy

Certificate

This is certified that **Sunil Dhondu Mone, Assistant Professor of R. C. Patel Arts, Com & Sci. College, Shirpur, Dist - Dhule, (MH), PIN - 425 405** participated & completed successfully AICTE Training And Learning (ATAL) Academy **Online Elementary FDP on "Artificial Intelligence in Design and Manufacturing"** from **2021-7-26 to 2021-7-30** at **Shri G.S. Institute of Technology & Science, Indore.**

A handwritten signature in blue ink, appearing to read "Mamba", written over a horizontal line.

Adviser-I, ATAL Academy



A handwritten signature in blue ink, appearing to read "KR Dhaka", written over a horizontal line.

Coordinator

Mr. Ashok Vitthal Tirthap



Word Forms and Simple Present Tense
University of California, Irvine

Course Material

- Module 1
- Module 2
- Module 3
- Module 4

Grades

Notes

Discussion Forums

Messages

Course Info

Word Forms and Simple Present Tense

by University of California, Irvine

About this Course

In this course, "Word Forms and Simple Present Tense," you will learn about different word forms, like nouns, proper nouns, plural forms and singular forms. You will learn when to use the articles "a" and "an." You will also learn about the BE verb in English, how to form it and when to use it. Then you will learn how to form other verbs in the simple present, including some spelling rules, and how to make negative forms.



[Show less](#)



Taught by: [Rachel Fernandez](#)



Taught by: [Karen Vallejo](#), Instructor
International Programs

 Basic Info	Course 1 of 3 in the Learn English: Beginning Grammar Specialization
 Level	Beginner



Word Forms and Simple Present Tense
University of California, Irvine

Course Material

- ✓ Module 1
- ✓ Module 2
- ✓ Module 3
- ✓ Module 4

Grades

Notes

Discussion Forums

Messages

Course Info

Syllabus

Module 1

Introduction & BE Verb

In this first week, we will look at word forms. You learn about different kinds of words like nouns, verbs, and adjectives. Then you will learn about different kinds of nouns. You will learn about plural and singular nouns, how to make spelling changes, and when to use the articles "a" and "an." You will also learn about verbs in the simple present. We will start with the BE verb. BE is very common. We use it all of the time.

4 videos, 3 readings [expand](#)

Graded: Word Forms & BE Verb

Module 2

Simple Present

This week, we will look at other verbs in the simple present. You will learn how to form and use the simple present. You will also learn about the different spelling changes that happen when you add an "s" to a verb in the simple present. You will also learn about possessive adjectives and the apostrophe "s" to show someone has something.

3 videos, 3 readings [expand](#)

Graded: Simple Present

Module 3

Simple Present Negative

This week, you will learn more about the simple present. We will look at how to form the negative for the BE verb and for all other verbs. The BE verb always has rules that are different from other verbs. You will also learn how to use "There is" and "There are" to describe things in a place.

3 videos, 3 readings [expand](#)

Graded: Simple Present Negative

Module 4

Yes/No Questions

This week, we will start with how to ask yes/no questions using the BE verb. Then, you will practice asking questions using "Is there...?" and "Are there...?" Finally, You will learn how to use "do" and "does" to ask yes/no questions in the simple present.

3 videos, 3 readings [expand](#)

Graded: Yes/No Questions

UCI University of
California, Irvine

Oct 5, 2021

Ashok Vitthal Tirthap

has successfully completed

Word Forms and Simple Present Tense

an online non-credit course authorized by University of California, Irvine and offered
through Coursera

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CERTIFICATE



Rachel Fernandez
Instructor
International Programs

Karen Vallejo
Instructor
International Programs
University of California, Irvine

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<https://coursera.org/verify/LAQAP2BBBTDB>
Coursera has confirmed the identity of this individual and their
participation in the course.



Introductory Human Physiology
Duke University

Course Material

- Module 1
- **Module 2**
- Module 3
- Module 4
- Module 5
- Module 6
- Module 7
- Module 8
- Module 9
- Module 10
- Module 11

Grades

Notes

Discussion Forums

Messages 3

Resources

Course Info

Introductory Human Physiology

by Duke University

About this Course

Explore the fascinating world of human physiology and learn about the body's organ systems, their functions, and how they maintain health. In this comprehensive course, you will:

- Master key concepts in human physiology and homeostasis
- Delve into the nervous, endocrine, cardiovascular, respiratory, and urinary systems
- Examine the role of senses, muscles, gastrointestinal, and reproductive systems
- Apply knowledge to real-life situations and medical conditions

This course is perfect for students, healthcare professionals, and anyone interested in human physiology and biology, building upon a basic understanding of human anatomy. This course is an excellent resource for MCAT preparation or as a refresher for health professionals.

As a bonus, enhance your learning with a unique immersive virtual reality (VR) experience, accessible on both VR and desktop platforms, that takes you on an incredible journey inside the human body. This course offers a captivating way to explore and understand complex physiological concepts, as you virtually shrink to navigate through blood vessels and then return to normal size to measure blood pressure. The course comes to life as an educational adventure.

[Show less](#)



Taught by: Jennifer Carbrey, Assistant Research Professor
Department of Cell Biology



Taught by: Emma Jakoi, Associate Research Professor
Department of Cell Biology

✓ Level	Beginner
🕒 Commitment	22 hours of videos and assessments
🗣️ Language	English, Subtitles: Arabic, French, Bengali, Ukrainian, Chinese (Simplified), Greek, Italian, Portuguese (Brazil), Vietnamese, Dutch, Korean, German, Pashto, Urdu, Russian, Thai, Indonesian, Swedish, Turkish, Azerbaijani, Spanish, Dari, Hindi, Japanese, Kazakh, Hungarian, Polish
🏠 How To Pass	Pass all graded assignments to complete the course.
☆ User Ratings	★★★★☆ Average User Rating 4.8



Introductory Human Physiology
Duke University

Course Material

- Module 1
- Module 2
- Module 3
- Module 4
- Module 5
- Module 6
- Module 7
- Module 8
- Module 9
- Module 10
- Module 11

Grades

Notes

Discussion Forums

Messages 1

Resources

Course Info

Syllabus

Module 1

Welcome and Additional Resources

Start here!

1 video, 6 readings **expand**

Module 2

Homeostasis and Endocrine System

Welcome to Module 2 of Introductory Human Physiology! We begin our study of the human body with an overview of the basic concepts that underlie the functions of cells and organs within the body and their integration to maintain life. This is an important introduction to how physiologists view the body. We will return to these basic concepts again as we progress through the organs systems and consider how they respond to perturbations incurred in daily functions and in disease.

More

6 videos, 1 reading, 2 practice quizzes **expand**

Graded: Homeostasis and Endocrine System Exam

Module 3

The Nervous System

We hope you are enjoying the course! Last week's lectures can be challenging because we introduce many concepts that may be new to you. This module will allow you to apply some of the concepts that you learned last week and provide you with more concrete examples. In this module we will begin our tour of the various organ systems with the nervous system.

We start by considering the function of the individual cells (neurons) and then how they interact as an integrative system. The

More

5 videos, 2 readings, 1 practice quiz **expand**

Graded: The Nervous System Exam

Module 4

The Senses and the Somatic Nervous System

In this module, we consider two types of cells: one that relays information to the central nervous system (brain) for interpretation and a second set, motor neurons which relay information away from the central nervous system to govern voluntary movement. The input pathway to the brain is mediated by specific cells called senses. The senses convert energy (such as light or heat) into an energy form (electrical potentials) recognized by neurons in the brain. The brain, in turn,

More

5 videos, 1 reading, 1 practice quiz **expand**

Graded: The Senses and the Somatic Nervous System Exam

Module 5

Muscle

In this module, we consider the effectors of the body that govern voluntary and involuntary movement. These effectors are specialized cells called muscle which are capable of generating force (tension). Muscle cells are classified as one of three types: skeletal, smooth, and cardiac. Although all three types generate tension, each is specialized for a given function. Skeletal muscle governs voluntary movement of the limbs and is critical for expansion of the lung during breathing. Smooth and cardiac muscle

More

4 videos, 2 readings, 2 practice quizzes **expand**

Graded: Muscle Exam



COURSE
CERTIFICATE

Feb 1, 2022

Gayatri Ratneshwar Bhavsar

has successfully completed

Introductory Human Physiology

an online non-credit course authorized by Duke University and offered through Coursera



Jennifer Carbrey, Ph.D.
Assistant Research Professor
Cell Biology Department
School of Medicine
Duke University

Emma R. Jakoi, Ph.D.
Associate Research Professor
Cell Biology Department
School of Medicine
Duke University

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Coursera has confirmed the identity of this individual and their participation in the course.



Exploring Renewable Energy Schemes
University of Pennsylvania

Course Material

- ✓ Module 1
- ✓ Module 2
- ✓ Module 3
- ✓ Module 4
- ✓ Module 5
- ✓ Module 6

Grades

Notes

Discussion Forums

Messages 4

Course Info

Exploring Renewable Energy Schemes

by University of Pennsylvania

About this Course

What do you picture when you hear the term "renewable energy?" Do you imagine fields of solar panels, giant windmills, or huge hydroelectric dams? Those are all examples of large-scale, grid-tied systems. In this course, we'll go much smaller and focus on off-grid, stand-alone systems.

We will explore the key components of photovoltaic, wind, and hydroelectric systems. We will examine photovoltaic, or PV, system components, and the scientific laws essential to understanding how renewable energy systems work. We will discuss wind energy and low-head hydroelectric systems, focusing on small-scale implementations. During our exploration of these systems, we will focus on safety and regulating bodies that guide proper system design. Throughout the course, you will be able to apply what you're learning by conducting an energy audit to analyze power consumption, identifying essential system components of small-scale systems, building a budget for a small-scale system design, and creating a design for implementing a small-scale system.

[Show less](#)



Taught by: [Jorge Santiago-Aviles](#), Associate Professor
Electrical and Systems Engineering

✓ Level	Beginner
🕒 Commitment	6 weeks of study, 2-3 hours/week
🗣️ Language	English, Subtitles: Arabic, French, Bengali, Ukrainian, Chinese (Simplified), Greek, Italian, Portuguese (Brazil), Dutch, Korean, German, Pashto, Urdu, Russian, Thai, Indonesian, Swedish, Turkish, Azerbaijani, Spanish, Dari, Hindi, Japanese, Kazakh, Hungarian, Polish
🏠 How To Pass	Pass all graded assignments to complete the course.
★ User Ratings	★★★★☆ Average User Rating 4.7



Exploring Renewable Energy
Schemes
University of Pennsylvania

Course Material

- ✓ Module 1
- ✓ Module 2
- ✓ Module 3
- ✓ Module 4
- ✓ Module 5
- ✓ Module 6

Grades

Notes

Discussion Forums

Messages 4

Course Info

Syllabus

Module 1

1: Everything Is Solar

In this module, we'll get started by getting familiar with the course and our community expectations. Then, we'll explore the solar spectrum, the Stefan Boltzmann Law, and Wien's Displacement Law. Each plays a significant role in helping us capture as much energy as we can from the sun. We'll also explore direct beam and diffuse radiation and consider the implications for solar panel orientation.

5 videos, 10 readings, 1 practice quiz [expand](#)

Graded: Module 1 Quiz

Module 2

2: How Do Photovoltaics Work?

In this module, we'll explore the essential element of any photovoltaic system: the solar cell. We'll examine all aspects of the solar cell, moving from the single cell to a collection of cells that allow us to harness the sun's power.

5 videos, 3 readings, 2 practice quizzes [expand](#)

Graded: Module 2 Quiz

Module 3

3: The Role of Charge Controllers and Inverters in Photovoltaic Systems

The charge controller is a key element of any simple photovoltaic system. This device helps you avoid over or under charging your battery or battery bank. In this module, we'll focus on both charge controllers and inverters and their important role in photovoltaic systems.

3 videos, 4 readings, 1 practice quiz [expand](#)

Graded: Module 3 Quiz

Module 4

4: Designing a Photovoltaic System

In this module, we'll start thinking about how to design a simple photovoltaic system. We'll examine efficiency and develop strategies for determining the right components to meet our energy needs.

6 videos, 5 readings, 1 practice quiz [expand](#)

Graded: Module 4 Quiz



COURSE
CERTIFICATE

Oct 11, 2021

**Mahewash Anjum EJAZ Ahmad
Quazi**

has successfully completed

Exploring Renewable Energy Schemes

an online non-credit course authorized by University of Pennsylvania and offered through
Coursera



A handwritten signature in black ink, appearing to read "Sergio Evaristo Ariles", written over a dashed horizontal line.

Sergio Evaristo Ariles
Associate Professor Emeritus
Electrical and Systems Engineering (ESE)

Verify at coursera.org/verify/DZMMTNDZDHC9
Coursera has confirmed the identity of this individual and their
participation in the course.



AICTE Training and Learning (ATAL) Academy

Sponsored
Faculty Development Programme on
“Leadership and Excellence
in Higher Education”

23rd - 27th August 2021



Organized by
**Department of Microbiology
& Biotechnology**

In Association with
Internal Quality Assurance Cell (IQAC)
R. C. Patel Educational Trust's
**R. C. Patel Arts, Commerce &
Science College,**
Shirpur-425405 (Maharashtra)
☎ (02563) 299328
✉ contact@rcpasc.ac.in

Registration

No registration fee

1. Participants need to register with basic details and choose Role as Participant on ATAL Portal (<https://atalacademy.aicte-india.org/signup>)
2. After successful registration, participant will get one verification email and OTP, on provided email and phone respectively.
3. Once participant verifies the email, he/she will be able to login to the ATAL Portal.
4. After login, Participants will see the “General Details” form. Filling this form is mandatory before applying for workshop.
5. Participants can see workshop on, “Leadership and Excellence in Higher Education” created by the Coordinator, R. C. Patel Arts, Commerce & Science College, Shirpur by clicking on the “Workshops” tab on left side menu.
6. Participant can apply for the workshop, by clicking on the plus (+) button. Once he/she applied successfully, one popup will be displayed, mentioning “Applied Successfully”.

Targeted Participants : The faculty members of the AICTE/UGC approved institutions, Research scholars, PG Scholars, participants from Government, Industry (Bureaucrats/ Technicians /Participants from Industry etc.)/School Teachers and staff of host institutions.

The seats are limited to 200 candidates. The preference will be on first-come-first-serve basis. The intimation regarding selection will be sent to the candidates on their ATAL participant portal as well as by email. On completion of the programme the certificates will be awarded to those participants who have attended the program with minimum 80% attendance and scored minimum 60% marks in the test. The programme will be conducted online using video conferencing application **ZOOM**.

Our Patrons



Hon. Shri. Amrishbhai
R. Patel



Hon. Shri. Bhupeshbhai
R. Patel



Hon. Shri. Rajgopal
C. Bhandari



Hon. Prin. Dr. K. B.
Patil

Convener & Chairman

Dr. Dilip R. Patil
Principal

Co-ordinator

Dr. Sandip P. Patil
Head, Microbiology Department

Organizing Secretary

Dr. Ravindra H. Patil
Head, Biotechnology Department

Organizing Committee

Prof. Dr. A. M. Patil (Vice-Principal)	Dr. R. D. Jadhav (Vice-Principal)
Prof. Mahesh Patil	Dr. Leena Shirsath
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Prof. Varsha Jayaswal	Prof. Vishakha Doke
Prof. Shubham Yadav	Mr. Ganesh Sonar
Mr. Sanjay More	Mr. B. T. Chaudhari
Mr. D. U. Patel	Mr. Sandesh Rajput
Mr. Mehul Gujrathi	Mr. Laxmikant More

About the Institute

The R. C. Patel education trust provides primary, secondary and tertiary education at elementary to advanced level in humanities, management and science including technical and professional courses. The R. C. Patel Arts, Commerce and Science College, Shirpur was established in 1991 by the trust.

R. C. Patel Arts, Commerce and Science College, Shirpur is located in rural tribal area, working with a vision to be pre-eminent institute which bring out the best among the students. The college is Grant-in-aid college sanctioned by Maharashtra state and also runs several self-financing courses. college is permanently affiliated to Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon (Maharashtra) and received 2 (F) and 12 (B) status of University Grant Commission (UGC), New Delhi. College also received Gujarati Minority Status and caters to the higher educational needs of students belonging to rural and semi urban area for last 30 years.

Our Vision

- To be a pre-eminent educational institute where teaching and learning brings out the best in the students.

Our Mission

- To impart the quality education to the students especially to the socially

economically backward students from the middle class in the vicinity with a view that education will make them economically independent.

- To enable our students to face the unknown situations and to make them strong to face the problems of the rapidly changing and increasingly complex world.
- To make our students responsible, sensitive, socially committed and to develop in them spiritual insight and the ideas of patriotism, democracy, secularism, socialism and peace.

Content of FDP to be covered

- Time and energy management
- Effective communication skills
- Goal Setting
- Leading innovation
- Learning Styles for Career Development
- Management Skills
- The positive workplace : A challenge for leader
- Using power effectively : A toolkit for leaders
- Women in leadership
- A way to become a great leader
- Critical thinking
- Importance of listening skills in leadership
- Team development: a challenge for leader
- Building organizational cultures : A framework for leaders.

Detail Session Time-table

Day - 1 : 23/08/2021

Inauguration	10:00 - 12:00
Session - 1	12:00 - 02:00
Lunch Brake	02:00 - 03:00
Session - 2	03:00 - 05:00

24/08/2021 to 27/08/2021

Session - 1	10:00 - 12:00
Session - 2	12:00 - 02:00
Lunch Brake	02:00 - 03:00
Session - 3	03:00 - 05:00

Address for Correspondence

Dr. Sandip P. Patil

Email: patilsandip3@gmail.com
Mob. No.: 9881392185 / 9284478255

Dr. Ravindra H. Patil

Email: ravi_nmu@yahoo.co.in
Mob. No.: 9881921570 / 9403911980

Important Dates

Last Date of registration : 12th August 2021
Intimation for selection : 16th August 2021
Workshop Dates : 23rd to 27th August 2021
Workshop Time : 10:00 am - 5:00 pm
(3 Sessions each day)



No: ATAL/2021/1628071977



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

AICTE Training and Learning (ATAL) Academy

Certificate

This is certified that **Leena Popatrao Shirsath**, Assistant Professor of **R. C. Patel Arts, Commerce and Science College, Shirpur** participated & completed successfully AICTE Training And Learning (ATAL) Academy **Online Elementary FDP on "Leadership and Excellence in Higher Education"** from **23/08/2021** to **27/08/2021** at **RCPET's R. C. Patel Arts, Commerce and Science College, Shirpur**.

A handwritten signature in blue ink, appearing to read 'Mamta'.

Advisor-I, ATAL Academy
Mamta Rani Agarwal



A handwritten signature in blue ink, appearing to read 'Gurdeep'.

Coordinator

Dr. Sanjay Gorakh Bachhav



Introduction to Artificial Intelligence (AI)
IBM

Course Material

- Module 1
- Module 2
- Module 3
- Module 4

Grades

Notes

Discussion Forums

Messages

Course Info

Introduction to Artificial Intelligence (AI)

by IBM

About this Course

Artificial Intelligence (AI) is all around us, seamlessly integrated into our daily lives and work. Enroll in this course to understand the key AI terminology and applications and launch your AI career or transform your existing one.

More



Taught by: **Rav Ahuja**, CCO & Global Program Director
IBM Skills Network

Basic Info	Course 2 of 10 in the IBM AI Developer Specialization
Level	Beginner
Commitment	4 weeks of study, 1-2 hours/week
Language	English, Subtitles: Arabic, French, Bengali, Ukrainian, Chinese (Simplified), Greek, Italian, Portuguese (Brazil), Dutch, Korean, German, Pashto, Urdu, Russian, Thai, Indonesian, Swedish, Turkish, Azerbaijani, Spanish, Dari, Hindi, Japanese, Kazakh, Hungarian, Polish
How To Pass	Pass all graded assignments to complete the course.
User Ratings	★★★★☆ Average User Rating 4.7

Syllabus

Module 1
What is AI? Applications and Examples of AI





Introduction to Artificial Intelligence
(AI)
IBM

Course Material

- ✓ Module 1
- ✓ Module 2
- ✓ Module 3
- ✓ Module 4

Grades

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Discussion Forums

Messages

Course Info

Syllabus

Module 1

What is AI? Applications and Examples of AI

This week, you will learn what AI is. You will understand its applications and use cases and how it is transforming our lives.

8 videos, 3 readings [expand](#)

Graded: Graded: What is AI? Applications and Examples of AI

Module 2

AI Concepts, Terminology, and Application Areas

This week, you will learn about basic AI concepts. You will understand how AI learns, and what some of its applications are.

9 videos, 3 readings [expand](#)

Graded: Graded: AI Concepts, Terminology, and Application Areas

Module 3

AI: Issues, Concerns and Ethical Considerations

This week, you will learn about issues and concerns surrounding AI, including - ethical considerations, bias, jobs, etc. - their impact on society. This information will help you to have an informed discussion on the costs and benefits of AI, and reassure decision makers about implementing an AI solution.

6 videos, 1 reading, 1 practice quiz [expand](#)

Graded: Graded: AI Issues, Ethics and Bias

Module 4

The Future with AI, and AI in Action

This week, you will learn about the current thinking on the future with AI, as well as hear from experts about their advice to learn and start a career in AI. You will also demonstrate AI in action by utilizing Computer Vision to classify images.

7 videos, 3 readings [expand](#)

Graded: Final Assignment: Submission and Grading



Jan 29, 2022

Sanjay Gorakh Bachhav

has successfully completed

Introduction to Artificial Intelligence (AI)

an online non-credit course authorized by IBM and offered through Coursera

Rav Ahuja
Global Program Director,
Skills Network

**COURSE
CERTIFICATE**



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Coursera has confirmed the identity of this individual and their participation in the course.