



वयं राष्ट्रे जाग्रयाम् पुरोहिताः

Govt. Girls' P.G. College, Ujjain (M.P.)

(Established in 1958)

A Centre for Excellence, "A" Graded by NAAC in Two Cycles

Affiliated to Vikram University, Ujjain



Internal Quality Assurance Cell

Samples of NPTEL Video Links of Eminent Experts with students

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Subjects (Expert Lecture Video Links)
Economics
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Political Science
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Biotechnology

NPTEL video links - iqac@iitkgp.ac.in

mail.google.com/mail/u/1/?ogbl#search/in%3Asent+deepa/QgrcJhsbjCtJNBfXFnwzPMjPppgnRNkQ

Gmail

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Labels +

NPTEL video links [Inbox]

Neeta Tapan <iqac@iitkgp.ac.in> to deepalbhatnagar114 Sat, Apr 30, 10:21 AM

Deepali here are some links to videos on Economics by Eminent Experts from IIT

Have a look and choose your topics for viewing on NPTEL

Microfoundations of Macro Economics
https://youtu.be/TCrLg_e860

Indian Economy – Some Contemporary Perspectives
<https://youtu.be/fME-OGOhhzCs>

Indifference Curves
<https://youtu.be/tsoIyjg5rM>

Best Wishes

Neeta Tapan

Intro - Microfoundations of Macroeconomics

Intro - Indian Economy

Microeconomics: Theory & Applications (Indifference Curves) (Part 1)

noc18-mg22-Lec1

Deepali Bhatnagar <deepalbhatnagar114@gmail.com> to me Sun, May 1, 4:00 PM

Thank you for the links madam. These videos will help me a lot.

Type here to search

14°C Haze 05:38 01-11-2022

Programs ▾ NPTEL STARS More ▾

NOC:Indian Economy: Some Contemporary Perspectives, IIT Kanpur

Prof. Wasim Ahmad

Lecture 9: Indian Economy: Agriculture Policy 1

Video Lec.no: 9 Next Lecture



Economics

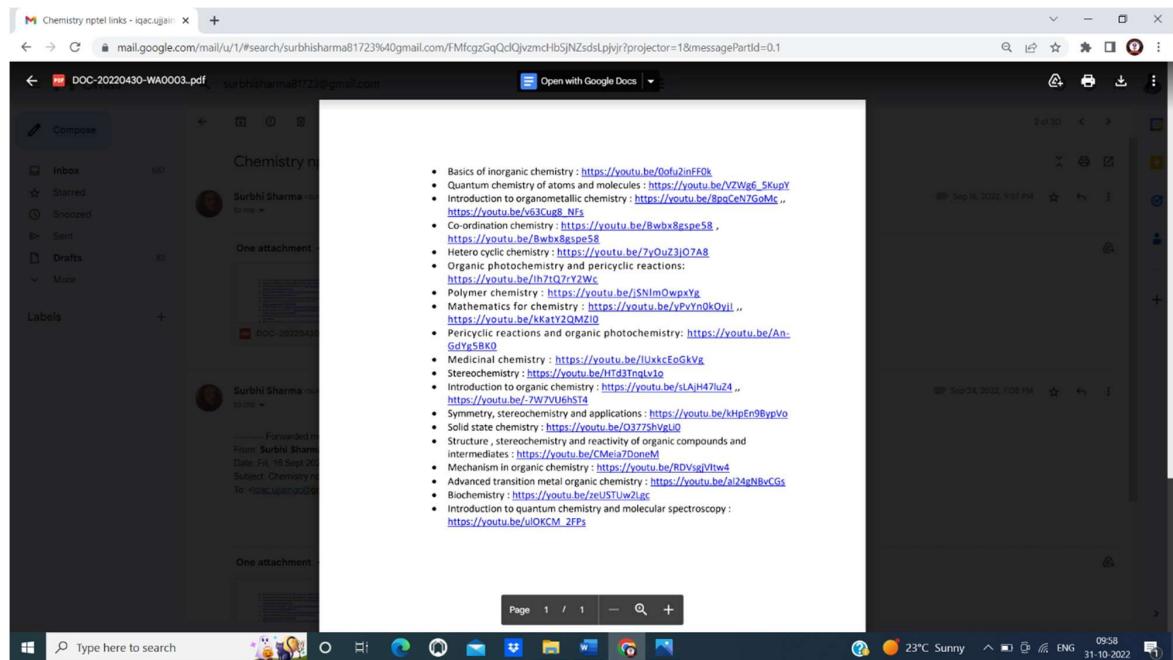
An Introduction to Economics

<https://youtu.be/RaXQ8wQ6TUs>

An Introduction to Micro Economics

<https://youtu.be/lFtOcNbej0o>

Chemistry NPTEL Video Links



YouTube link of NPTEL lectures of **Chemistry**

Acids and Bases

<https://youtu.be/aeLQjdo3tGE>

Chirality and Stereochemistry

<https://youtu.be/0Xo78CKqdYU>

Department of Zoology

NPTEL Video Links

Introduction of living organisms

<https://youtu.be/ALUbvnQxHz4> (Part- 1)

Classification of living organisms

<https://youtu.be/sClws8-iQbQ> (Part- 1)

<https://youtu.be/PwZb5ac6Xz8> (Part- 2)

<https://youtu.be/DuuVHu2d0do> (Part- 3)

<https://youtu.be/k26ZC68O0gk> (Part- 4)

Origin of life

<https://youtu.be/P-vFwzpIXf0> (Part- 1)

<https://youtu.be/3ijinTO4TGs> (Part- 2)

Evolution

https://youtu.be/T_dZa9qYw3Q (Part- 1)

<https://youtu.be/yBznkd4iHUM> (Part- 2)

<https://youtu.be/cJuk7NQ1t8M> (Part- 3)

Wildlife

<https://youtu.be/lmeqi1uerbE> (Part- 1)

<https://youtu.be/2258Xbw5eLQ> (Part- 2)

<https://youtu.be/l3rBWahjo-s> (Part- 3)

<https://youtu.be/J8Yh4O47H2A> (Part- 4)

Ex-situ conservation

<https://youtu.be/3GubBtskxmg> (Part- 1)

<https://youtu.be/10l8fsouU8k> (Part- 2)

Ecological structure

<https://youtu.be/MIhcEt5O3X0> (Part- 1)

<https://youtu.be/fhdlq9YkWw0> (Part- 2)

<https://youtu.be/MvLHItHpt4I> (Part- 3)

Ecological energetic

<https://youtu.be/6BhCijJ-d4s> (Part- 1)

<https://youtu.be/9FWFeQOxBQI> (Part- 2)

<https://youtu.be/nnz7i2E5YmY> (Part- 3)

Population ecology

<https://youtu.be/2RF-6CNGUtY> (Part- 1)

<https://youtu.be/evBVxmCdwfC> (Part- 2)

<https://youtu.be/oUnqOpga5k8> (Part- 3)

Community ecology

<https://youtu.be/4e7QTXoLkjM> (Part- 1)

<https://youtu.be/7B0QjIWLBuQ> (Part- 2)

<https://youtu.be/zxQOIZmgPEw> (Part- 3)

Management of threatened species

<https://youtu.be/fcigaNmgi0> (Part- 1)

<https://youtu.be/V2DXeCGRVxE> (Part- 2)

<https://youtu.be/T-vxIf6JAT4> (Part- 3)

Nucleic acids

<https://youtu.be/jQxmfn5ZfWU> (Part- 1)

Carbohydrate

<https://youtu.be/fwFxXliSyN8> (Part- 1)

<https://youtu.be/vjsT-Hm3R-Y> (Part- 2)

<https://youtu.be/1227PA6-4-E> (Part- 3)

Lipid

<https://youtu.be/dDTAC1cJNOA> (Part- 1)

Proteins

<https://youtu.be/oW1stv2SJnA> (Part- 1)

<https://youtu.be/Jcjfyklbbb4> (Part- 2)

<https://youtu.be/x8HoyW2R52E> (Part- 3)

<https://youtu.be/bxqVNg5oE5k> (Part- 4)

Central dogma of life

<https://youtu.be/OfmoSVu0XfE> (Part- 1)

Replication

<https://youtu.be/VCQyGuwY9c0> (Part- 1)

Polymerase chain reaction (PCR)

<https://youtu.be/MUi7EsH4gEE> (Part- 1)

Transcription

<https://youtu.be/HN7yJg9QgE> (Part- 1)

<https://youtu.be/rpZMMjL0Pwo> (Part- 2)

Translation

<https://youtu.be/EvbbrCH8VR4> (Part- 1)

<https://youtu.be/qiAzesptkiQ> (Part- 2)

Digestion

https://youtu.be/opmAYaq04_Y (Part- 1)

<https://youtu.be/nWB8hNtAK3A> (Part- 2)

<https://youtu.be/H1tnLzTG07Q> (Part- 3)

Circulatory system

<https://youtu.be/b0bOclBpyME> (Part- 1)

<https://youtu.be/nMDBNggG3zg> (Part- 2)

Muscular system

<https://youtu.be/ijiEeazaotE> (Part- 1)

<https://youtu.be/Xigx9r8CSoE> (Part- 2)

Nervous system

<https://youtu.be/1NwXwbFcqz0> (Part- 1)

https://youtu.be/6_R09-ZyzCU (Part- 2)

<https://youtu.be/INCxGKJxRX0> (Part- 3)

Homeostasis

https://youtu.be/rzlXfYaH_CM (Part- 1)

<https://youtu.be/tSU6JXswIC4> (Part- 2)

https://youtu.be/_Oiyh_7TDwY (Part- 3)

Department of History

Early Architecture

<https://www.youtube.com/watch?v=m8fcPZxrkwI>

Introduction to History of Architecture in India

<https://youtu.be/ddInNUUg8dM>

Department of Physics

Atom to Solid Structure

<https://youtu.be/oy7vtmuI3YU>

Department of Music

"पं. भातखंडेजी और भारतीय संगीत - १"

<https://youtu.be/EtDTkrN4e9w>

Department of Dance

"Kathak Lessons for Beginners Launched in Hindi |
कथकिशाण ऑनलाइन"

<https://youtu.be/Avm0hDA3Bt4>

Sanskrit

Introduction to Sanskrit

<https://youtu.be/-cBbBxPRxjs>

Introduction to Basic Spoken Sanskrit

<https://youtu.be/NTfNilCq-Lc>

Hindi

Hindi Gadya Sahitya Katha Sahitya

https://onlinecourses.swayam2.ac.in/cec23_lg07/preview

Hindi Sahitya ka Itihaas

https://onlinecourses.swayam2.ac.in/cec23_lg03/preview

Sociology

Introduction Classical Sociological Theory

<https://youtu.be/I2P8J466OEw>

Women and Gender Studies

https://youtu.be/W_DQXG3fU6k

Philosophical Foundations of Social Research

<https://youtu.be/vpUkD4MdcPQ>

Theories of Social Change

<https://youtu.be/roxhcpaa2z4>

Introduction to Sociology

<https://youtu.be/2NoZpjJBE2c>

<https://youtu.be/zVi5hx37yvw>

Political Science

State and Philosopher King"

https://youtu.be/Fjl_Y6aOJko

Machiavelli - III: Republicanism & Critical Assessment of his Thought"

<https://youtu.be/0Pjd6tE3gTU>

"Raja Ram Mohan Roy :Religious reforms"

<https://youtu.be/H2J1ST4tYKs>

Psychology

Social Psychology

https://onlinecourses.swayam2.ac.in/cec21_hs30/preview

Introduction to Basic Cognitive Process

https://onlinecourses.nptel.ac.in/noc21_hs106/preview

Chemistry

Molecular Spectroscopy by prof Anindya Datta, Department of chemistry IIT Bombay
<https://youtu.be/g2sqX3FkcRo>

Road map for Patent creation: IPR
Prof. Gouri Gargate
Rajiv Gandhi school of Intellectual property
IIT Kharagpur
https://youtu.be/I8p_Lx5BC6o

Co ordination Chemistry
Prof. Debashis Ray
IIT Kharagpur
<https://youtu.be/Bwbx8gspe58>

Physics

1. [Mod-01 Lec-01 Introduction - Bing video](#)
2. [Mod-01 Lec-01 Quantum Mechanics -- An Introduction - Bing video](#)
3. [Mathematical Methods in Physics 1 - Bing video](#)

Biotechnology

Environmental Biotechnology

Introduction of Environmental Biotechnology, Scope and applications of the subject
<https://youtu.be/u9YbWIkfYKk>

Bioremediation

<https://youtu.be/H8yENGYZ4Zk>
<https://youtu.be/Nm2pNve8gko>
<https://youtu.be/2CsJLsIP3kg>
<https://youtu.be/vYXUqMpFpEQ>

Industrial Biotechnology

Introduction

<https://youtu.be/eLYsGuw5Ofk>

Development of industrial strain

<https://youtu.be/K2HfqV3sAx0>

Medium characteristics and biochemical pathways

<https://youtu.be/ZgM3h0xTUfM>

Chemical reaction kinetics

<https://youtu.be/Lwle275w1Jc>

Chemical reaction analysis (contd.)

<https://youtu.be/eRigIJ3aP-M>

Different types of reactors

<https://youtu.be/EILSfuqqUJc>

Immobilization techniques

<https://youtu.be/IF0aEYR7L6g>

Ethanol Fermentation

<https://youtu.be/IU-15iYOOxE>

Ethanol fermentation (continued)

<https://youtu.be/5zJZ-JFAdSO>

Vinegar production

<https://youtu.be/auTge8VLZ0U>

Citric acid production

<https://youtu.be/LiO7xX6CAx8>

Citric acid production (continued)

<https://youtu.be/nWmLJw3Gyog>

Citric acid production (continued)

<https://youtu.be/dC2mPnVbSc8>

Lactic acid production

https://youtu.be/M_E7PnwqIKg

Lactic acid production (continued)

<https://youtu.be/MHfFFcdvKx0>

Glutamic acid production

<https://youtu.be/rCwAI0JYv38>

Penicillin production

<https://youtu.be/-NZ3MSJbdi8>

Penicillin production (continued)

<https://youtu.be/uag1XV-H6F4>

Alpha amylase production

<https://youtu.be/QBnaYrXOR1w>

Cheese Production

https://youtu.be/_g-aUX1Jg9g

Cheese Production (Contd.)

<https://youtu.be/TVkL9gZpQ0o>

Biofertilizer

<https://youtu.be/4Zf3bUVKd-k>

Analytical Technologies in Biotechnology

Radioisotopes Techniques

Basic concepts 1

<https://youtu.be/GMILRnVhkAQ>

Basic concepts 2

<https://youtu.be/0QcySnjzqZk>

GM counting and Scintillation counting

<https://youtu.be/ww5xpqv0yHs>

Scintillation counting continued

<https://youtu.be/51ENAtwiiDA>

Autoradiography and RIA

<https://youtu.be/l7GqZAkGCA4>

Safety aspects and applications

<https://youtu.be/r88bmSKeiBl>

Centrifugation Techniques

Introduction and basic concepts 1

<https://youtu.be/l8x5qpCMpqE>

Basic concepts-2

<https://youtu.be/JolyOOqZyjo>

Types of centrifuges and analytical ultracentrifugation method

<https://youtu.be/jn8iT31w9s4>

Separation methods in preparative ultracentrifuges

<https://youtu.be/kau2CdImFHs>

Types of rotors

<https://youtu.be/iVu0HgN2Z7E>

Types of rotors cont. and care of rotors

<https://youtu.be/6teaE-AzfJM>

Microscopy

Basic concepts in microscopy 1

https://youtu.be/n18jMutR_z0

Basic concepts in microscopy 2

<https://youtu.be/VPwrjF6cgh4>

Dark-field and phase contrast microscopy

<https://youtu.be/MIz4CteTgTM>

Differential interference contrast and polarization

<https://youtu.be/MBCLa9cqEFc>

Fluorescence and confocal microscopy

<https://youtu.be/5wR9H1FryLs>

Transmission electron microscopy

<https://youtu.be/CLy-Hx9vDrY>

Transmission electron microscopy cont. and scanning electron microscopy

<https://youtu.be/p-rnICrELFQ>

Sequencing Techniques

<https://youtu.be/tcPFMQkCGDM>

Blotting Techniques (Part 1)

<https://youtu.be/6PjVyXGqJSQ>

Blotting Techniques (Part 2)

https://youtu.be/usp_CSF067k

Basics of Chromatography (Part 1)

<https://youtu.be/HPETz0do3f8>

Basics of Chromatography (Part 2)

<https://youtu.be/gRoQkJypqHM>

Ion-Exchange Chromatography (Part 1)

<https://youtu.be/IgU2tcUiDVc>

Ion-Exchange Chromatography (Part 2)

<https://youtu.be/JLb0dyyDds8>

Gel Filtration Chromatography (Part 1)

<https://youtu.be/MPO5C8Y7hvc>

Gel Filtration Chromatography (Part 2)

<https://youtu.be/TaJInpG1EM8>

Gel Filtration Chromatography (Part 3)

<https://youtu.be/p9euuBmfYf8>

Affinity Chromatography (Part 1)

<https://youtu.be/RuMf-oBMlb0>

Affinity Chromatography (Part 2)

<https://youtu.be/BQZXD5gQUpk>

Affinity Chromatography (Part 3)

https://youtu.be/t41cBtL_aoo

Affinity Chromatography (Part 4)

https://youtu.be/PuLEPa_nad8

Polymerase Chain Reaction (Part 1)

<https://youtu.be/EB5xA2iytWM>

Polymerase Chain Reaction (Part 2)

<https://youtu.be/EaW1rMQ4-1E>

Polymerase Chain Reaction (Part 3)

<https://youtu.be/FtphvYTvz4s>

Polymerase Chain Reaction (Part 4)

<https://youtu.be/pvMZ6EUh0Qs>

Commerce

Principles of Management

<https://youtu.be/vOykcERGw9Y>

Business Statistics

<https://youtu.be/VDLyk6z8uCg>

Introduction to Financial Accounting

<https://youtu.be/Hs-U3jAvqo4>