



Bharati Vidyapeeth
(Deemed to be University)
INSTITUTE OF MANAGEMENT & RESEARCH NEW DELHI
A-4, Paschim Vihar, Rohtak Road, New Delhi - 110063

Ref. No. BVIMR/ND/330/2020-21

Dated: 28-08-2020

Examination Notice of Environmental Studies

To All BBA Students

Dear Students,
Greetings!

This is to inform you that schedule of Environmental Studies Examination has been released and you are hereby advised to follow the same. Please note that "Environmental Studies" subject is compulsory for all the students at UG level. Since all examination are being planned via online mode therefore Environmental Studies examination also would be of MCQ type in nature. It will be home based online proctored examination. It is compulsory for students to clear Environmental Studies Examination to become eligible for final degree of BBA program. Detailed schedule of form filling, examination and declaration of result of Environmental Studies paper has been shared with you vide our Letter No. BVIMR/ND/228/2020-21 Dated 17.08.2020.

BBA Students of 2018 course who have studied "Environmental Science" as a two credit subject in their second semester of first year are not exempted from "Environmental Studies" paper.

A detailed notice of UGC along with prescribed syllabus is being attached herewith for your reference and record leaving no space for any confusion and doubt. You are required to check our website and ERP on regular basis for updates and notifications related to all academic activities including examination etc.

Dr Nishith Mishra
(Exam In-charge-BBA)

CC: - CMS, ERP & Website

Dr Vikas Nath
(Director-In-Charge)



MoK:-

Read attachment-



अन भिन्न विज्ञाने

प्रो. (डॉ.) जसपाल एस. सन्धू
सचिव

Prof. (Dr.) Jaspal S. Sandhu

MBBS, MS (Ortho), DNB, FACS, FRCR, FRCR (ENT), FRCR (ENT), FRCR (ENT)
D.O. No. F.13-1/2000(EA/ENV/COS-I)
Secretary



सत्यमेव जयते

विश्वविद्यालय अनुदान आयोग
University Grants Commission

(मानव संसाधन विकास मंत्रालय, भारत सरकार)
(Ministry of Human Resource Development, Govt. of India)

बहादुरशाह जफर मार्ग, नई दिल्ली-110002
Bahadur Shah Zafar Marg, New Delhi-110002

Ph.: 011-23238858, 23236288,

Fax: 011-23238858, email: jssandhu.ugc@nic.in

Dear Sir/Madam,

8 AUG 2014

The Hon'ble Supreme Court of India in its order dated 06.12.1999 in WP No. 860/1991 has directed that appropriate steps be taken to introduce environmental studies course in all universities and affiliated colleges.

The University Grant Commission in pursuant to this order had designed a six month module syllabus for environmental studies for undergraduate courses for all branches of higher education to be compulsorily implemented. This was communicated to all universities on 24-07-2003 for strict compliance. In this connection, the UGC has been repeatedly reminding your university for the compliance of the directions of the Hon'ble Supreme Court. The last reminder was sent to you on 02.05.2014 vide D.O. No. F.13-1/2000(EA/ENV/COS.I).


It is brought to your notice that non-implementation of the order of the Hon'ble Supreme Court of India, in its letter and spirit, tantamounts to contempt of court. Once again, I write this to request you to kindly exhort upon your colleagues both in the University and Colleges to take all necessary steps for the implementation of the direction of the Hon'ble Supreme Court. The module on Environmental Studies for undergraduate courses is already available on UGC website (www.ugc.ac.in). in case of failure of your university to do so, the University Grants Commission will be constrained to initiate appropriate action against the University.


It hardly needs any mention that the task of teaching the module on environmental studies be entrusted with the teachers who fulfil the qualifications laid down by the UGC.

I will appreciate if you kindly apprise the UGC of the actions that you have initiated for the implementation of the direction of the Hon'ble Supreme Court in the current academic session.

With kind regards,

Yours sincerely,


(Jaspal Singh Sandhu)



The Vice-Chancellor
All State University

CORE MODULE SYLLABUS FOR ENVIRONMENTAL STUDIES
FOR UNDER GRADUATE COURSES OF ALL BRANCHES
OF HIGHER EDUCATION

Unit 1 : The Multidisciplinary nature of environmental studies

Definition, scope and importance

(2 lectures)

Need for public awareness.

Unit 2: Natural Resources :

Renewable and non-renewable resources :

Natural resources and associated problems.

- a) Forest resources : Use and over-exploitation, deforestation, case studies. Timber extraction, mining, dams and their effects on forests and tribal people.
- b) Water resources : Use and over-utilization of surface and ground water, floods, drought, conflicts over water, dams-benefits and problems.
- c) Mineral resources: Use and exploitation, environmental effects of extracting and using mineral resources, case studies.
- d) Food resources: World food problems , changes caused by agriculture and overgrazing, effects of modern agriculture, fertilizer-pesticide problems, water logging, salinity, case studies

- e) Energy resources: Growing energy needs, renewable and non renewable energy sources, use of alternate energy sources. Case studies.
- f) Land resources: Land as a resource, land degradation, man induced landslides, soil erosion and desertification.

- Role of an individual in conservation of natural resources.
- Equitable use of resources for sustainable lifestyles.

(8 lectures)

Unit 3 : Ecosystems

- Concept of an ecosystem.
- Structure and function of an ecosystem.
- Producers, consumers and decomposers.
- Energy flow in the ecosystem.
- Ecological succession.
- Food chains, food webs and ecological pyramids.
- Introduction, types, characteristic features, structure and function of the following ecosystem :-
 - a. Forest ecosystem
 - b. Grassland ecosystem
 - c. Desert ecosystem

- d. Aquatic ecosystems (ponds, streams, lakes, rivers, oceans, estuaries)

(6 lectures)

Unit 4 : Biodiversity and its conservation

- Introduction – Definition : genetic, species and ecosystem diversity.
- Biogeographical classification of India
- Value of biodiversity : consumptive use, productive use, social, ethical, aesthetic and option values
- Biodiversity at global, National and local levels.
- India as a mega-diversity nation
- Hot-spots of biodiversity.
- Threats to biodiversity : habitat loss, poaching of wildlife, man-wildlife conflicts.
- Endangered and endemic species of India
- Conservation of biodiversity : In-situ and Ex-situ conservation of biodiversity.

(8 lectures)

Unit 5 : Environmental Pollution

Definition

- Causes, effects and control measures of :-
 - a. Air pollution
 - b. Water pollution
 - c. Soil pollution
 - d. Marine pollution

- e. Noise pollution
- f. Thermal pollution
- g. Nuclear hazards
- Solid waste Management : Causes, effects and control measures of urban and industrial wastes.
- Role of an individual in prevention of pollution.
- Pollution case studies.
- Disaster management : floods, earthquake, cyclone and landslides.

(8 lectures)

Unit 6 : Social Issues and the Environment

- From Unsustainable to Sustainable development
- Urban problems related to energy
- Water conservation, rain water harvesting, watershed management
- Resettlement and rehabilitation of people ; its problems and concerns. Case studies.
- Environmental ethics : Issues and possible solutions.
- Climate change, global warming, acid rain, ozone layer depletion, nuclear accidents and holocaust. Case studies.
- Wasteland reclamation.
- Consumerism and waste products.
- Environment Protection Act.
- Air (Prevention and Control of Pollution) Act.

- Water (Prevention and control of Pollution) Act
- Wildlife Protection Act
- Forest Conservation Act
- Issues involved in enforcement of environmental legislation.
- Public awareness.

(7 lectures)

Unit 7 : Human Population and the Environment

- Population growth, variation among nations.
- Population explosion – Family Welfare Programme.
- Environment and human health.
- Human Rights.
- Value Education.
- HIV / AIDS.
- Women and Child Welfare.
- Role of Information Technology in Environment and human health.
- Case Studies.

(6 lectures)

Unit 8 : Field work

- Visit to a local area to document environmental assets-river / forest / grassland / hill / mountain

- Visit to a local polluted site – Urban / Rural / Industrial / Agricultural
- Study of common plants, insects, birds.
- Study of simple ecosystems-pond, river, hill slopes, etc. (Field work Equal to 5 lecture hours)