



DEPARTMENT OF BOTANY
SHAILABALA WOMEN'S (AUTO) COLLEGE, CUTTACK



VALUE ADDED COURSE
Certificate in Marvels of Indoor Plants
Session: 2023-24

Pratima Mishra
10.7.23

Shailabala
10.7.23

Pratima Mishra
10/7/2023

Shailabala
10/7/2023

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10/7/2023

Name of the course- Certificate course in Marvels of Indoor Plants .

1. Course Structure:

Course Structure:
Eligibility: Undergraduate of any Discipline.
Theory + 14 marks

Course Structure:
Eligibility: Undergraduate of any Discipline
Total Marks : 50 (36 marks theory + 14 marks practical/project)

II. Course outcomes

- ## II. Course outcomes
- Distinguish between different types of indoor plants
 - Describe the culture methods used for growing various indoor plants
 - Evaluate a range of plants not commonly grown indoors for their suitability for interior plant scaping.
 - Select appropriate plants for different interior plant scaping situations.
 - Develop innovative ways of presenting plants for indoor situations.
 - Explain the interior plant scaping industry, including its nature and scope.
 - To know the medicinal value of the indoor plants

III. SYLLABUS

Unit 1: Introduction

- Review of indoor plant
- Nomenclature of plants
- Indoor Plant for Bed room, Aesthetic and Medicinal value (Herbs, Vines, Climbers and medicinal plants)

Unit 2: Indoor Plant Culture

- Understanding interior environments
- Problems with indoor plants

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SHAILABALA WOMEN'S AUTONOMOUS COLLEGE, CUTTACK

CERTIFICATE COURSE

OFFERED BY

DEPARTMENT OF ECONOMICS

ON

RURAL DEVELOPMENT IN INDIA

Course Structure

Duration: 35 hours of Teaching

Registration: Students have to register for this course (60% from own dept and 40% from other dept)

Venue: Department Class room

Attendance of Students: Minimum 75%

Full Mark: 50

All terms and conditions as per the guidelines of the SBCC provided by Controller of Examination

There will be 3 units of theory carrying 12 marks each ($12 \times 3 = 36$ marks).

Project will be of 14 marks.

$36 + 14 = 50$ marks.

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Course Objective and Outcome

Objectives

- To understand the basic concepts of rural development and new agricultural strategies in India
- To learn the concept of sustainable approach in development procedure
- To learn about various rural development programmes run by state as well as central government of India
- To learn the basics of rural credit, Institutions, marketing strategies

Outcome

- Knowledge gained on new trends and technologies in agricultural growth
- Knowledge gained on green revolution, white revolution, fishery, horticulture, floriculture
- Comprehension gained about land reforms and implementations of rural development programmes and their economic aspects
- Competency developed to study working structures of credit institutions like cooperatives, commercial banks and NABARD

Course

Unit-1: Rural Development Strategy

Meaning and elements of rural development; Role of Agriculture in Indian Economy; agricultural strategy; Green revolution; Recent trends in agricultural growth in India; Interregional variations in growth of output and productivity; Strategy of agricultural development and technological progress; Sustainable development; Impact of global agriculture.

Unit II : Diversification of Rural Economic Activities

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Livestock economies - Livestock resources and their productivity; White revolution; Fishery and poultry development; Forestry; Horticulture and floriculture; Issues and problems in rural industrialization and development of agro-based industries; Rural non-farm sector.

Unit-III: Land Reforms and Rural Development Programmes

Land Reforms; Land ownership structure; Tenancy and crop sharing - Forms; Incidence and effects; Problems of marginal and small farmers; Interlocking of land; Labour and credit markets; Segmentation in labour markets; Rural-urban migration. Rural Development Programmes: Bharat Nirman; NREGP; NRHM; ICDS; MDM; SSA; SGSRY; Rural water supply; Sanitation housing programme.

Unit-IV: Rural Credit; Agricultural prices and Markets

Characteristics and sources of rural credit - Institutional and non-institutional; Reorganization of rural credit - Cooperatives; Commercial banks; Regional rural banks; Role of NABARD; Objectives of agricultural price policy; Food security system in India and public distribution; Agricultural marketing; Agricultural Insurance.

Suggested Readings

Basic Books:

1. Katar Singh: Rural Development principles; policies and Management Second edition sage publications.

Additional Books:

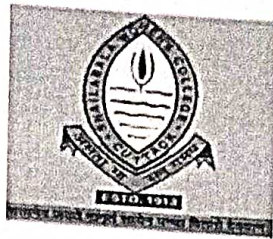
1. Ruddar Datt and K.P.M.Sundharam: Indian Economy- S.Chand & Co.Ltd.2004.
2. Misra and Puri: Structure and Problems of Indian Economy-Himalaya Publishing House.
3. Journals of Kurukshetra; Yojana; Planning Commission Reports and Economic Survey of India.

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SHAILABALA WOMEN'S AUTONOMOUS COLLEGE, CUTTACK



CERTIFICATE COURSE

OFFERED BY

P.G.DEPARTMENT OF POLITICAL SCIENCE

ON

CORNERSTONES OF CIVITAS: OUR LAWS, OUR RIGHTS

COURSE STRUCTURE

Type: Multidisciplinary

Eligibility: Higher Secondary, Pass out-Under Graduate

Duration: Three Months

Total Hour-36 Hours

Student Strength-40

Mode- Blended (Physical and Virtual Classes)

Total Marks-50

No of Classes- Per week 4 classes of 1 hr. each

Assessment

Total Marks: 50

Time: 2 Hours

(i) On the basis of examination consisting of Short notes/ objective type questions/MCQ= 30 marks

(ii) Presentation= 20 marks

CERTIFICATE COURSE FOR UG CLASSES

OFFERED BY DEPARTMENT OF POLITICAL SCIENCE

Shailabala Women's (Autonomous) College, Cuttack

TITLE OF THE COURSE:

CORNERSTONES OF CIVITAS: OUR LAWS, OUR RIGHTS

Course Objective: The certificate course is designed with a purpose to orient the future citizens of the country on some important instruments of law. Laws are the touchstone of a social and political milieu. The selected items of law can be helpful in shaping the personality of the students to guard against some social evils and improper behaviour of untoward elements which can be a small step in the direction of women's empowerment.

Learning Outcomes: Every journey has an end. After completion of the certificate course, it is hoped, the pursuers can feel empowered because awareness works as a preventive against many a harassment in society. As the world in general is gender-biased against women, it is high time for them to come forward and shed the shackles of discrimination generations old. And laws and rights in that respect can be seminal in the march of an extra mile.

Unit I: Right to Information Act, 2005

- a- Meaning and nature
- b- Scope and Significance
- c- applicability

Unit II: Protection of Children from Sexual Offences (POCSO) Act, 2012

- a- Meaning and Nature
- b- Scope and Significance
- c- Applicability of the Act

Unit III: The Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013

- a- Meaning and Nature
- b- Scope and Significance
- c- Applicability

Unit IV: Transgender Persons (protection of rights) Act, 2019

- a- Meaning and Nature
- b- Scope and Significance
- c- Applicability

References

1. -'The Right to Information Act', 2005 by R Majumdar Edition 2002, Aggarwal Law House.
2. Dr. Manjula S.R, Deepa T.N 'The Children and Laws in India', with reference to POCSO Act, 2012.
3. Gaurav Kumar, 'Sexual Harassment at workplace', Universal Law publishers.
4. Asha Bajpai (2017), Child Rights In India, Oxford University Press, and New Delhi.
5. Geeta Chopra, Child Rights in India: CHALLENGES and social action, springer.
6. James T sears, 'Gay, Lesbian and transgender issues in Education', Routledge.
7. Chiranjivi J. Nirmal 'Human Rights in India'
8. Dr. H.O. Agarwal 'International Law and Human Rights', central law publication.

Web links

- <https://blog.ipleaders.in/right-to-information-act-2005-a-comprehensive-overview/>
- <https://blog.ipleaders.in/pocso-act-everything-you-need-to-know/>
- <https://blog.ipleaders.in/sexual-harassment-workplace/#:~:text=After%20hearing%20the%20PIL%20the,sexual%20harassment%20at%20the%20workplace.>
- <https://blog.ipleaders.in/transgender-persons-protection-rights-act-2019-impact-third-gender/>
- <https://blog.ipleaders.in/protection-of-human-rights-act-1993/>

SHAILABALA WOMEN'S AUTONOMOUS COLLEGE, CUTTACK



CERTIFICATE COURSE

OFFERED BY P.G DEPARTMENT OF PSYCHOLOGY

ON

FAMILY COUNSELLING

FOR UNDER-GRADUATE STUDENTS

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Certificate Course in Family Counseling

Hours- 40 Hours

Marks- 50

Objectives-

- To help the students to understand family, family dynamics and Family counseling.
- To provide preventive services to women and family who are victims of atrocities and family maladjustments through systematic counseling and legal provisions.

Outcomes-

- Better understanding of healthy boundaries, family pattern and counseling.
- Enhanced Communication and improved problem solving and deeper empathy.
- Enhanced knowledge on different legal provisions and understanding about criminals and their behavior.

Unit- I

BKD Introduction to family, types, family life cycle, models and methods of Counseling.

Unit- II

YP Theoretical approaches to Counseling:- Freud and neo Freudians; Humanistic approach- existential and client-centered, Cognitive approach-rational emotive and transaction analysis; Conjoint family therapy(Virginia Satir), Supportive family therapy, Cognitive behavioral therapy, Marriage and family counseling.

Unit- III

AN Ethical and legal issues in Counseling.

Unit- IV

BKD Crime and Criminal behavior, Domestic Violence, Brief ideas on family courts act, Hindu
N Marriage Act, Muslim Marriage Act, Special Marriage Act, Hindu Adoption and
BB Maintenance Act, Indian Evidence Act, IPC, CRPC & Fundamental rights and Duties
YF

BOOKS:

1. A Handbook on Laws related to Crimes against Women and Children by Himansu Garg(IPS), The Bright Law House
2. Counseling: A comprehensive profession(2009) by Gladding, S.T.Pearson.
3. Crime and Criminality in India by Raneeta Pal, Notion Press Media Pvt. Ltd.
4. Commentary on The Family Courts Act, 1984 by K. Pan Duranga Rao, Gogia Law Agency, Hyderabad.
5. Marriage Laws and Family Courts Act by E.L. Bhagiratha Rao, Asia Law House.

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SHAILABALA WOMEN'S AUTONOMOUS COLLEGE, CUTTACK

DEPARTMENT OF SANSKRIT

CERTIFICATE COURSE

SESSION-2022-2023

Certificate in Spoken Sanskrit Course

COURSE STRUCTURE

1. ELIGIBILITY: UNDERGRADUATE STUDENTS
2. DURATION OF COURSE : 3 MONTHS
3. TEACHING HOURS : 36 HOURS
4. TOTAL MARKS : 50
5. NUMBER OF PERIODS PER WEEK: 3

COURSE OUTCOMES:

1. Analyse different Lakaras in Sanskrit.
2. understand and explain the Sanskrit text.
3. Analyse the Concept of numbers in Sanskrit.
4. Understand the proper usage of Varna, Pada and Vakya in Literature.
5. know the application of Pāṇini's Metarule which helps to understand the techniques of Indian Grammatical system in general.
6. understand the basic concepts of historical linguistics and will know the rules of language change and their application in Sanskrit.
7. learn the techniques of translation into Sanskrit.
8. know the rules of case, compounds and primary-secondary suffixes of Sanskrit and their usages in actuals language situations.
9. acquainted with the highest forms of prose writings with its poetic beauty along with social relevance.

SYLLABUS

UNIT-1

Daily activities, action words, parts of a day, months, days of a week and date & time in Sanskrit.

Maneekhi Gato
29/9/2022

Indira P. Pattnaik
29.09.2022



UNIT-2

Number counting up to 100, Lakara in Sanskrit, arrangement of verbs, adjectives and suffixes in Sanskrit .

UNIT-3

Colours, fruits, foods , greetings, family members in Sanskrit.

UNIT 4

Describing skills, Interests & hobbies. Creating short story in Sanskrit. recitation rules of Sanskrit slokas & Vedic hymns .

BOOKS RECOMMENDED

- 1.Brhat anuvadachandrika, Chakradhar nautial Hansa shastri, MLBD Publication,2019
- 2.Sanskrit Jnana Nidhi, Dr. Ranvilas Choudhury, mlbd Publication,2015
- 3.Vyakarana darpana, Odisha state book Preparation bureau, Bhubaneswar,2010
- 4.Praudha rachananuvada kaumudi, Kapildev Dwivedi, Viswa vidyalaya prakashan, 2018
5. Brhat dhaturupakusumakara, Harekant Mishra, ChaukhambasanskritPratisthan, Delhi,2018
- 6.Rupachandrika, Dr.RajkishorePandeya, Chaukhmbasanskrit pratishthan, 2008
- 7.Vaiyakarana SidhhantaKaumudi, Gopal dutta Pandeya, Chaukhamba publication,2014

ASSESSMENT METHOD

Total Marks - 50

1. End Term Assessment: 30 marks (MCQ)
2. Project: 20 marks

Indira Pattnaik
29.9.2022

Maneekti Saha
29/9/2022



COURSE OBJECTIVE AND OUTCOME

Environment and society are in constant interaction with each other. It is the environment that sustains life in society and it is the society that is responsible for the preservation and the degradation of the environment. In the recent years' environmental challenges have posed a threat to the lives on the planet. Keeping this in view, the present paper tries to create awareness among the students about the major environmental issues and the efforts geared to tackle them.

OBJECTIVES

After going through this paper, the students can

- Derive knowledge about the close interaction between society and environment.
- Gain substantial idea about the environmental issues and their repercussions on humanity.
- Accumulation ideas about the ideological currents, issues that drive environment movements.
- Get aware about the global and national efforts to conserve environment.

LEARNING OUTCOMES

(VA Syllabus)

This paper is to disseminate knowledge about the significance of the environment for society, to change the practices that can protect and preserve the environment and to make the students participate in the mission to preserve, protect and promote the cause of environment.

Unit – 1: Conceptual Issues of Sociology of Environment.

- Sociology of Environment: Meaning, emergence and scope
- Environment and society – their inter-relations, Ecology and Environment
- Eco- system
- Sustainable Development

Unit – 2: Environmental movements

- Narmada Bachao Andolan
- Ganga Bachao Abhiyan
- Silent Vally Movement
- Eco-feminist movement

Unit – 3: Major environmental Issues

- Global Warming and Climate Change
- Loss of Biodiversity
- Deforestation

IV. SYLLABUS

Unit 1: Basic Instrument Handling Techniques

Weighing balance, microscope, spectrophotometer, Spirometer, sphygmomanometer, stethoscope, Haemoglobinometer, pH meter, preparation of solutions maintaining pH and molarity/normality

Unit -2: Diagnostic methods used for Blood Analysis

Blood grouping, percentage of Haemoglobin, bleeding time – clotting time, Total leukocyte count, Differential leukocyte count, RBC count, blood pressure, blood sugar

UNIT -3: Diagnostic methods used for Urine Analysis

Test of Urine sugar, Test of Urine bile, pregnancy test, alkaline phosphatase assay, SGOT assay, SGPT assay, protein assay

UNIT -4: FIRST- AID

CPR, Snake bite, Insect Bite, Crocodile bite, Accidental burning, handling electric shock, chemical hazards in laboratory

SUGGESTED READINGS:

1. Veerakumari L. (2015). Bioinstrumentation. MJP Publishers.
2. Ministry of Health and Family Welfare, Govt. of India (2016). Standard Treatment Guidelines. Management of Snake Bite
3. Gupta, P.P and Gupta, N. (2016) Essentials of Practical Biochemistry. Jaypee Brothers Medical Publishers
4. Wilson, K. and Walker, J. (2010) Principles and Techniques of Biochemistry and Molecular Biology. 7th Edition. Cambridge University Press.
5. Lyons, F. & Ousley, L. (2015) Dermatology for the Advanced Practice Nurse. Springer Publishing Company.
6. Jones, S.A (2016) First Aid, Survival, and CPR. F.A Davis Company.

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