

ENVIRONMENTAL STUDIES-I

Course Code	BC-3001 (Common in All Branches of Non Engineering)
Course Title	Environmental Studies-I
Number of Credits	2(L-2 T-0, P-0)
Prerequisites	None

Course Objectives

Environmental study is a subject as per directions of Supreme Court / Govt. of India. Under Act. 51 A (g) of our constitution it is our fundamental duty to protect our environment.

A diploma holder must have knowledge of different types of pollution so that she may help in balancing the eco system and controlling pollution by pollution control measures. She should also be aware of environmental laws related to the control of pollution.

Course Outcomes

After completing the course the Learner will

- Understand the importance of Environmental cleanliness
- Gain knowledge about the causes of Water and Air pollution ,their effects and methods to check the same.
- Have the knowledge of different types of solid waste and their management techniques.

COURSE CONTENTS

1. General :	L
	3
1.1 Biotic and abiotic environment.	
1.2 Adverse effects of Environmental Pollution	
1.3 Control strategies	
2. Water Pollution :	7
2.1 Water Quality Standards	
2.2 Surface and underground water sources	
2.3 Impurities in water and their removal	
2.4 Adverse effects of domestic waste water and industrial effluent to surface water sources	
2.5 Self purification of streams	
3. Air Pollution :	7
3.1 Sources of air contaminants	
3.2 Adverse effects on human health	
3.3 Measures to check air pollution	
3.4 Greenhouse effect	
3.5 Global warming	
3.6 Acid rain	
3.7 Ozone depletion	
4. Solid Waste Management :	7
4.1 Introduction to solid waste	
4.2 Its collection and disposal	
4.3 Recovery of resources	
4.4 Sanitary land-filling	
4.5 Vermi-composting	
4.6 Hazardous waste management	

REFERENCE BOOKS :

1. Patyavaran Shiksha & Dr. V.K. Vijay Dr. A.N. Mathur, Dr. N.S. Rathore
2. Patyavaran Adhyayan Dr. B.C. Jat Dr. Ram Kumar Gujar
3. Patyavaran Avabodh Dr. D.D. Ojha
4. Environmental chemistry and pollution control : S.S. Dora
5. Ecology concepts and application : Manuel C. Muller
6. Environmental protection Emil T. Chanlett
7. Environmental science Cumingham. Saigo
8. Solid waste management : C.I.. Mantell
9. पर्यावरण विनाश के कगार पर राजीव गुप्ता
11. पर्यावरण जीवों का आंगन प्रेमानन्द चंदोला
12. पर्यावरण (त्रैमासिक) पर्यावरण एवं वन मंत्रालय, नई दिल्ली
13. Panda, New letter WWF-India, New Delhi

SEMESTER SCHEME-2020

COSMETIC SCIENCE - I

Course Code	BC-3002
Course Title	Cosmetic Science - I
Number of Credits	5 (L-5, T-0, P-0)
Prerequisites	None

Course Objective

The students seeking admission to the diploma of Beauty Culture must be well versed with knowledge of cosmetic science because study of cosmetic science provide opportunities to have a career in this fast growing industry in the area of product development & research or to become an entrepreneur in the field.

Course Outcomes

After completing the course the Learner will

- Understand the role of raw ingredients in cosmetics.
- Gain knowledge about the benefits of cosmetics has on skin and hair.
- Attain multidisciplinary scientific knowledge to gain expertise in the field and to respond the industry challenges effectively.

Course Contents

1. Cosmetics:	L 17
1.1 Cosmetics – Definition, classification, Raw materials	
1.2 Introduction to organic solvents, colors perfume and preservatives used in cosmetics making.	
1.3 Study of equipments used in cosmetics making.	
2. Creams & lotions	20
2.1 Introduction composition and function of the following types of cream and lotions	
2.1.1 Cold cream (winter)	
2.1.2 Vitamin cream	
2.1.3 Vanishing cream	
2.1.4 Bleaching cream	
2.1.5 Anti wrinkle cream	
2.1.6 under eye cream	
2.1.7 Clinging lotion	
2.1.8 Moisturizing lotion	
2.1.9 Lacto Calamine lotion	
3. Nail Enamels	7
3.1 Introduction	
3.2 Composition and function of polishes	
3.3 Nail polish remover	
3.4 Cuticle Cream	
4. Skin Toning Agents	14
4.1 Skin toning Agents	
4.1.1 Skin fresheners	
4.1.2 Astringent Lotions	
4.1.3 Face Serum	
4.2 Facial specialized/Introduction composition and function of their ingredients	
4.2.1 Types of makes	
5. Introduction composition and function of the following:	7
5.1 Cosmetic deodorants	
5.2 Antiperspirants	

REFERENCE BOOKS:

1. Cosmetic Science -- Balson and sagarin , wiley Technology(vol.1 & 11) inter scienc
2. Perfume, soaps and cosmetics,roopnagar delhi, hindi ---A.K Gupta small scale industries
3. A Text book of applied chemistry for home science and applied science ltd.—the macmillan com.of india
4. A text book of applied chemistry---- P.S & manrao , m.r kalyani pub. New delhi
5. Modern cosmetics corporation, Bombay--- thomssen E. O,universal pub.

SEMESTER SCHEME-2020-21

ENTREPRENEURSHIP

Course Code	BC-3003
Course Title	ENTREPRENEURSHIP
Number of Credits	5 (L-3, T-2, P-0)
Prerequisites	None

Course Objective

This subject provides the basic knowledge such as the introduction, concept, theory, perspective and behavioral aspects of entrepreneurship.

Course Outcomes

During and after completion of this subject the learner will come across many benefits and conveniences such as:

- Able to differentiate between Entrepreneur & Entrepreneurship
- Able to detect, identify and create the business opportunities and portfolios.
- Explore the qualities of an entrepreneur such as leadership, initiative, intuition, entrepreneurial traits, and new technologies as career options and how to organize, operate, and assume the risk of a business venture, culture & various intangible factors.
- Come across the exchange relationship, practical administration and management control.

course Contents	L	T
1. Entrepreneurship:	9	6
1.1 Definition of Entrepreneur, Entrepreneurship and Industry		
1.2 Essential characteristics of a Good Entrepreneur		
1.3 Need and Scope of Entrepreneurship		
1.4 Classification of Industries		
1.4.1 Tiny		
1.4.2 Small Scale		
1.4.3 Medium Scale		
1.4.4 Large Scale		
1.4.5 Handicraft		
1.4.6 Ancillary		
1.5 Types of Industries –		
1.5.1 Production		
1.5.2 Job Based		
1.5.3 Service		
2. Entrepreneurship Support System:	9	6
2.1 Role of District Industries Centre and Directorate of Industries		
2.2 Facilities of women Entrepreneurship		
2.3 Role of following organisation		
2.3.1 State Trading Corporation (STC)		
2.3.2 Commercial Banks		
2.3.3 State Financial Corporation (SFC)		
2.3.4 State Electricity Board		
2.3.5 Pollution Control Board		
2.3.6 Bureau of Indian Standards		
2.3.7 Small industries development organisation (SIDO)		
2.3.8 Khadi and village industries commission (KVIC)		
3. Entrepreneurial Development :	8	6
3.1 Product Identification		

3.2	Elements of Market Survey Need of Pre-market Survey		
3.3	Site Selection		
3.4	Plant Lay-Out		
3.5	Project File		
3.6	Need for a Planned and Coordinated Efforts		
3.7	Follow-up		
4.	Essentials of a Good Business Organization :	7	4
4.1	Types of ownership		
4.2	Branding, packaging and pricing		
4.3	Marketing of Cosmetics		
4.4	Sales Promotion		
4.5	Advertisement ,Midea and effectiveness		
4.6	After sale service		
5	Financial Management :	6	4
5.1	Sources of finance		
5.2	Brief idea of		
5.2.1	Cash and credit		
5.2.2	Cheques		
5.2.3	Drafts		
5.2.4	Bill of exchanges		
5.2.5	Promissory note		

REFERENCE BOOKS:

1. Project planning and Entrepreneurship T.R. Banga
2. Hand book on Entrepreneurship O.P.Harkut& G.P. Vaishnav

COSMETOLOGY

Course Code	BC-3004
Course Title	COSMETOLOGY
Number of Credits	5(L-3, T-2, P-0)
Prerequisites	None

Course Objective

This subject would be beneficial to beauty culture students for learning more about hair science and hair care technology.

Course Outcome

After completing the course the Learner will be able to:

- Understand the chemistry of active ingredients products.
- Understand the effects and safe use of active ingredients products.
- Identify the principles of colour theory as it relates to hair colour.
- Explain level and tone and their role in formulating hair colour.
- Learn science behind chemical processing on hair.
- Understand disorder and diseases of hair.

Course Contents

	L	T
1. Study the following :	8	6
1.1 Texture of Hair		
1.2 Importance of PH in texture		
1.3 Basic building blocks / bonds in hair.		
1.4 Porosity		
1.5 Elasticity		
1.6 The types of permanent waves		
1.7 The chemistry of perming		
1.8 Permanent waving (thio) neutralization		
1.9 The chemistry of hair straightening & hair rebonding		
2. Colour Theory	8	6
2.1 Natural hair colour		
2.2 The level System / Depth		
2.3 Tone and undertones		
2.4 Decolorization		
2.5 The Basics of Hair Coloring Products and The Law of Color		
2.5.1 Primary, Secondary, complementary and Neutralizing colour		
2.5.2 Using a colour wheel		
2.6 Classification of Hair Colour		
2.6.1 Oxidative - permanent and demi permanent colour		
2.6.2 Non oxidative Temporary and semi-permanent colour		
3 Body Massage :	10	8
3.1 Brief knowledge of Different types of massage:		
3.1.1 Swedish Massage		
3.1.2 Hot stone massage		
3.1.3 Deep tissue massage		
3.1.4 Reflexology		

3.1.5 Shiatsu massage

3.1.6 Thai massage

- | | | |
|--|----------|----------|
| 4 Aromatherapy : | 8 | 4 |
| 4.1 Introduction of aromatherapy | | |
| 4.2 Essential oils and carrier oils | | |
| 4.3 Properties of essentials oils | | |
| 4.4 Classification of Essential oils | | |
| 4.5 Blending of oils | | |
|
 | | |
| 5 Brief knowledge of advance facial skin care techniques: | 5 | 2 |
| 5.1 Light therapy | | |
| 5.2 Chemical peel | | |
| 5.3 Laser skin resurfacing | | |
| 5.4 Microdermabrasion | | |
| 5.5 Name and introduction of different cosmetic surgery for skin | | |

REFERENCE BOOKS :

- | | |
|---|--|
| 1. The Prentice Hall Text Book of Cosmetology | Oline P. Scott., Mary G. Callahan. et al |
| 2. Milady's Standard | Milady Staff |
| 3. Textbook of Cosmetology | Milady Staff |

BEAUTY THERAPY--III LAB

Course Code	BC-3005
Course Title	BEAUTY THERAPY--III LAB
Number of Credits	2.0(L-0, T-0, P-4)
Prerequisites	None

Course Objective

The students seeking admission to the diploma of Beauty Culture must have knowledge of make-up on different skin types, latest facials techniques to maintain skin health to develop their employment skill.

Course Outcomes

After completing the course the learner will be able to:

- Learn the basic concepts of clinical treatment of different skin with the use of various beauty gadgets
- Explain the importance of color wheel in the makeup
- Carry out different types of corrective makeup and contouring with optical illusion

Course Contents

- 1. Facial Treatment:** Introduction, Cosmetic knowledge, Procedure, follow-up routine. benefits, precautions **20**
 - 1.1 Facials according to skin types and different skin problems with and without beauty gadgets.
 - 1.1.1 For Normal skin
 - 1.1.2 For dry skin
 - 1.1.3 For ageing skin
 - 1.1.4 For sensitive skin
 - 1.1.5 For pigmented skin
 - 1.2 Aroma therapy facial
 - 1.3 Applying different types of Masks and Packs:
 - 1.3.1 Thermoherb
 - 1.3.2 Hot oil
 - 1.3.3 Paraffin
 - 1.3.4 Peel off
 - 1.3.5 Rubber Mask
 - 1.3.6 Herbal masks and pack
 - 1.4 Pre bridal preparations
 - 1.5 Quick treatment of skin before make-up
- 2. Make-up:** Introduction, Tool and Cosmetic knowledge, Procedure, benefits, precautions. **25**
 - 2.1 Different types of face shapes
 - 2.2 Corrective makeup according to Facial features
 - 2.2.1 Contouring and highlighting
 - 2.2.2 Nose Makeup
 - 2.2.3 Eye Makeup
 - 2.2.4 Lip Makeup
 - 2.3 Different types of Make-ups
 - 2.3.1 Stage Make-up
 - 2.3.2 Bridal Makeup
 - 2.3.3 Photographic makeup
- 3. Electrical Gadgets** -Introduction, working mechanism, Procedure, benefits, precautions. **7**

- 3.1 High frequency unit
- 3.2 Brushing unit
- 3.3 Microdermabrasion
- 3.4 Steamer or Vaporizer
- 3.5 Galvanic Unit
- 3.6 Infra Red lamps
- 3.7 Ultra Sonic Unit
- 3.8 Vacuum Suction
- 3.9 Non-surgical micro bio Face lifting

Note: The Essential Theory should be taught during the Practical's.

REFERENCE BOOKS:

1. Standard Text Book of Cosmetology
 2. Principles and Practice of Beauty Culture
 3. Manual for Skin Care, Cosmetics application and Corrective Make-up
 4. Beauty Specialist
 5. The illustrated guide to Massage and aroma therapy
- Milady staff
Florence wall
Madame Korner
Ann Gallant
Catherine stuart

SEMESTER SCHEME-2020/21

HAIR DRESSING - III LAB

Course Code	BC-3006
Course Title	HAIR DRESSING - III LAB
Number of Credits	1.5 (L-0, T-0, P-3)
Prerequisites	None

Course Objective

The student seeking admission to the Diploma of Beauty Culture must be well versed with the permanent hair techniques such as waving and straightening and latest hair do's as hair dressing is an important aspect of external beauty.

Course Outcomes

After completing the course the learner will be able to –

1. Learn about various hair setting techniques.
2. Learn about different hair treatment.
3. Learn about permanent hair waving and Straightening:
4. Learn about advanced hair cutting techniques.

Course Contents

- | | |
|--|----|
| 1. Hair Styles
1.1 Advance Hair Styles
1.2 Different Types of hair dressing by means of Hairpiece.
1.3 Techniques for international hair style-10 basic styles
1.4 Balancing | 25 |
| 2. Scalp Treatments
2.1 Treatment for Oily Hair, Dry Hair, Falling Hair Split ends, Premature Grey and dandruff
2.2 Use of High Frequency in scalp treatment, working mechanism, Procedure. Benefits and Precautions.
2.3 Use of Light Therapy in scalp treatment, working mechanism, Procedure, benefits and Precautions.
2.4 Use of Steamer in scalp treatment, working mechanism, Procedure, benefits and Precautions. | 20 |
| 3. Permanent Waving and Straightening: Introduction, procedure, precaution and benefits
3.1 Different types of permanent Waving and Curling
3.1.1 Sectioning Patterns
3.1.2 Chemical Waving Materials
3.1.3 Reconstruction Permanent
3.2 Hair Straightening
3.2.1 Knowledge of products
3.2.2 Procedure and precaution
3.2.3 Rebonding\ Smoothning
3.3 Keratin treatment
3.4 Cystine treatment | 20 |
| 4. Advance Hair Cutting
Note: The Essential Theory should be taught during the Practical's. | 13 |

REFERENCE BOOKS:

- | | |
|---|--|
| 1. The Prentice Hall Text Book of Cosmetology | Oline P. Scott, Mary G. Callahan et al |
| 2. Milady's Standard | Milady Staff |
| 3. Textbook of Cosmetology | Milady Staff |

BODY PERFECTION AND YOGA – III LAB

Course Code	BC-3007
Course Title	BODY PERFECTION AND YOGA – III LAB
Number of Credits	1.5 (L-0, T-0, P-3)
Prerequisites	None

Course Objective

The student seeking admission to the Diploma of Beauty Culture must have knowledge of different fitness exercises, health club equipments and meditation to maintain the health.

Course Outcomes

After completing the course the Learner will be able to:

- Understand the basic of yoga and practice Yoga
- Learn stretching exercise, improves posture and increases flexibility
- Learn aerobics techniques to boost up muscles which are required in today's life.

Course Contents

1.1 Treatment Planning- Treatment for body perfection, disease and disorders and their cure by yoga.	P 8
1.2 Diabetes	
1.3 Thyroid	
1.4 Polycystic Ovarian Syndrome disease	
1.5 Hypertension	
2. Electrical equipments and gadgets–	11
2.1 Introduction, working principles benefits, precautions	
3 Exercise for Body Perfection:	10
3.1 Introduction	
3.2 Daily exercise routine	
3.3 Weight loss exercises	
3.4 Weight Gain exercises	
3.5 Cellulite reduction exercises	
4 Aasanas for nurturing the body: Benefits and method	10
4.1 Ardhakatchikarasana	
4.2 Vipritkarni asana	
4.3 Markatasana	
4.4 Padhsatasana	
4.5 Trikonasana	
4.6 Suptvajasana	
4.7 Setubandha asana	
4.8 Balasana	
4.9 Navasana	
4.10 Titali asana	

Note: The Essential Theory should be taught during the Practicals.

REFERENCE BOOKS :

- | | |
|--|--------------------------------|
| 1. YogSadhanaAvamYog ChikitsaRahasya | Swami RamdevjiMaharaj |
| 2. PranayamRahasya | Swami RamdevjiMaharaj |
| 3. DivyaYogSadhana (Asan – Pranayam) V.C.D. Part 1-2 | Swami RamdevjiMaharaj |
| 4. YogSandesh(Monthly Magazine) | Swami RamdevjiMaharaj |
| 5. YogasanandSadhana | Dr.Satyapal, Dr. D. D. Agarwal |
| 6. Yog | VivekanandKendra , Delhi |
| 7. YogDipeeka | B.K. Sayangar, Ort. |
| 8. Yog dwara rogo ki chikitsa | Dr. Phool genda singh |

COSMETIC SCIENCE – I LAB

Course Code	BC-3008
Course Title	COSMETIC SCIENCE – I LAB
Number of Credits	1.0 (L-0, T-0, P-2)
Prerequisites	None

Course Objective

The students seeking admission to the diploma of Beauty Culture must be well versed with practical of cosmetic making to provide opportunities to have a career in this fast growing industry in the area of product development, quality assurance and manufacturing to become an entrepreneur in the field.

Course Outcomes

After completing the course the Learner will

- Obtain practical experience of making skin care cosmetic with own hands.
- Know trade and formula secrets for cosmetic entrepreneur.

Course Contents

	P
1. Prepare Cold Cream	2
2. Prepare Vitaminized Cream	2
3. Prepare Vanishing Cream	2
4. Prepare Bleaching Cream	2
5. Prepare Anti wrinkle Cream	2
6. Prepare Under Eye Cream & Cuticle Cream	2
7. Prepare Cleansing Lotion	2
8. Prepare Moisturizing Lotion	2
9. Prepare lacto Calamine Lotion	2
10. Prepare Nail Polish & Nail Polish Remover	2
11. Prepare Skin Fresheners, Astringent lotion	1
12. Prepare Face Serums	1
13. Different types of Masks	2
14. Herbal Face packs	2

Note: The Essential Theory should be taught during the Practicals.

REFERENCE BOOKS:

1. Cosmetic Science -- Balson and sagarin , wiley Technology(vol.1 & 11) inter scienc
2. Perfume, soaps and cosmetics, roopnagar delhi, hindi ---A.K Gupta small scale industries
3. A Text book of applied chemistry for home science and applied science ltd.—the macmillan com.of india
4. A text book of applied chemistry---- P.S & manrao , m.r kalyani pub. New delhi
5. Modern cosmetics corporation, Bombay--- thomssen E. O, universal pub.

ENVIRONMENTAL STUDIES-I LAB

Course Code	BC-3009 (Common in All Branches of Non Engineering)
Course Title	Environmental Studies-I Lab
Number of Credits	1.0 (L-0, T-0, P-2)
Prerequisites	None

Course Objective

Environmental study is a subject as per directions of Supreme Court / Govt. of India. Under Act. 51 A (g) of our constitution it is our fundamental duty to protect our environment.

A diploma holder must have knowledge of different types of pollution so that she may help in balancing the eco system and controlling pollution by pollution control measures. She should also be aware of environmental laws related to the control of pollution.

Course Outcomes

After completing the course the Learner will

- Understand the extent of Air pollution in their city.
- Understand the extent of Water pollution in their city.
- Know about the Ph value of water , hardness and TDS of water, their importance method of determination .
- Have knowledge of solid waste management of their city

PRACTICALS

1. Visit to the important circles and measurement of Air Quality Index
2. Determination of Ph Value of tap Water
3. Determination of Hardness of tap Water by EDTA Method
4. Determination of TDS of tap Water
5. Visiting the local agency to Prepre the report of solid waste management of the city .
6. Plantation

ENVIRONMENTAL STUDIES-II

Course Code	BC-4001 (Common in All Branches of Non Engineering)
Course Title	Environmental Studies-II
Number of Credits	2 (L-2 T-0, P-0)
Prerequisites	None

COURSE LEARNING OBJECTIVES

Environmental study is a subject as per directions of Supreme Court / Govt. of India. Under Act. 51 A (g) of our constitution it is our fundamental duty to protect our environment. A diploma holder must have knowledge of different types of pollution so that she may help in balancing the eco system and controlling pollution by pollution control measures. She should also be aware of environmental laws related to the control of pollution.

COURSE OUTCOMES-

After completing the course the Learner will

- Understand the importance of Environmental cleanliness
- Gain knowledge about the causes of Land pollution , Land erosion and prevention
- Understand about Biodiversity and ecosystems
- Water harvesting methods and about the Rural Sanitation
- Know the different Non conventional energy sources and their advantages

COURSE CONTENTS

		L
1.	Land Pollution :	5
	1.1 Soil conservation	
	1.2 Land erosion	
	1.3 Afforestation	
2.	Ecology :	7
	2.1 Basics of species	
	2.2 Biodiversity	
	2.3 Population dynamics	
	2.4 Energy flow	
	2.5 Ecosystems	
3.	Water Harvesting and Rural Sanitation :	7
	3.1 Water harvesting techniques	
	3.2 Different schemes of Rural Water Supply in Rajasthan	
	3.3 Rural Sanitation	
	3.3 Septic Tank	
	3.5 Collection and disposal of wastes	
	3.6 Bio-gas	
	3.7 Community Awareness and participation	
4.	Non Conventional Energy Sources :	7
	4.1 Non-Conventional (Renewable) sources of energy	
	4.2 Solar energy, Wind energy, Bio-mass energy, Hydrogen energy	

REFERENCE BOOKS :

- | | |
|--|--|
| 1. Patyavarán Shiksha | Dr. A.N. Mathur, Dr. N.S. Rathore & Dr. V.K. Vijay |
| 2. Patyavarán Adhyayan | Dr. Ram Kumar Gujar Dr. B.C. Jat |
| 3. Patyavarán Avabodh | Dr. D.D. Ojha |
| 4. Environmental chemistry and pollution control : | S.S. Dora |
| 5. Ecology concepts and | Manuel C. Muller |

application :

6. Environmental protection Emil T. Chanlett
7. Environmental science Cumingham. Saigo
8. Solid waste management : C.I.. Mantell
9. Introduction to Environmental Engineering & Science Gilbert M Masters
Prentice Hall of India, 1995
10. Concept of Ecology, 1991 Edward J Kormondy
11. Ecology 1975 Odum
12. Environmental Engineering Peavy, Rowe, Tehobaniglum
13. Environmental Impact Assessment Mc Graw Hill, NewYork, 1977
14. Environmental Technologies for Sustainable Development Dr. Upendra Pandel
Dr. M.P. Poonia
15. Environmental Pollution & Management V.K. Kohli & Vikas Kohli
16. पर्यावरण विनाश के कगार पर राजीव गुप्ता
17. पर्यावरण जीवों का आंगन प्रेमानन्द चंदोला
18. पर्यावरण (त्रैमासिक) पर्यावरण एवं वन मंत्रालय, नई दिल्ली
19. Panda, New letter WWF-India, New Delhi

(SEMESTER SCHEME-2020)

COSMETIC SCIENCE II

Course Code	BC-4002
Course Title	Cosmetic Science - II
Number of Credits	4 (L-4, T-0, P-0)
Prerequisites	None

Course Objective

The students seeking admission to the diploma of Beauty Culture must be well versed with knowledge of cosmetic science to provide opportunities to have a career in this fast growing industry in the area of product development & research, regulatory, quality assurance and manufacturing or pursue academic research in the area.

Course Outcomes**After completing the course the Learner will**

- Familiar with principles of production technology as well as framework composition of emulsion, gel and suspension cosmetic products.
- Acquire basic information about the possibilities and limitations of cosmetic products/hazards of cosmetic

Course Contents

- 1. Bath preparation- Introduction, composition and functions of the following 10**
 - 1.1 Body Massage oil
 - 1.2 Bath bombs
 - 1.3 Shower Gel
 - 1.4 Bath Salt
 - 1.5 Body Scrubs
- 2. Cosmetics used for hair, scalp and Body 15**
 - 2.1 Cosmetics used for hair and scalp- Introduction, composition and functions of the following
 - 2.1.1 Shampoos
 - 2.1.2 Conditioners
 - 2.1.3 Rinses
 - 2.1.4 Hair setting gel
 - 2.1.5 Hair Sprays
 - 2.1.6 Hair Dyes
 - 2.1.7 Hair Serums
 - 2.2 Introduction, Composition and Function of the following
 - 2.2.1 Cosmetic Deodorants
 - 2.2.2 Antiperspirants
- 3. Coulored Cosmetics for the facial makes 24**
 - 3.1 Base Makeup- Introduction, Composition and Function of the following
 - 3.1.1 Foundation Make-Up
 - 3.1.2 Cake Make-up
 - 3.1.3 Blemish Concealer Makeup
 - 3.2 Powders-Introduction, Composition and Function of the Following
 - 3.2.1 Compact Powder
 - 3.2.2 Talcum Powder
 - 3.3 Rouge and Lipstick- Introduction, Composition and Function
 - 3.4 Eye Make-Up-Introduction, Composition and Function of Following
 - 3.4.1 Eye Shadow
 - 3.4.2 Mascara
 - 3.4.3 Eye Liner & Eye Brow Pencil
- 4. Hazards of Cosmetics ,Quality control of the cosmetics in India 3**

REFERENCE BOOKS:

1. Cosmetic Science -- Balson and sagarin , wiley Technology(vol.1 & 11) inter scienc

2. Perfume, soaps and cosmetics, roopnagar delhi, hindi ---A.K Gupta small scale industries
3. A Text book of applied chemistry for home science and applied science ltd.—the macmillan com.of india
4. A text book of applied chemistry---- P.S & manrao , m.r kalyani pub. New delhi
5. Modern cosmetics corporation, Bombay--- thomssen E. O,universal pub.

(SEMESTER SCHEME-2020-21)

PARLOUR MANAGEMENT

Course Code	BC-4003
Course Title	Parlour Management
Number of Credits	5 (L-3, T-2, P-0)
Prerequisites	None

Course Objective

This subject highlights the essential requirements of a Beauty Parlour business and provides help to plan a profitable business covering all relevant standards of health, hygiene, safety and security.

Course Outcomes

During and after completion of their subject the learner will come across many benefits such as

1. Introduction, concept, perspective and various tangible and intangible aspects of parlour planning.
2. learning about the parlor planning which includes executive summary services provided to the costumers, analyzing the target audience , business and marketing strategies manpower and finances .

Course Contents

1. Parlour Planning :	10
1.1 Physical Environment :	
1.1.1 Selection of Location.	
1.1.2 Space Allotment.	
1.1.3 Furniture.	
1.1.4 Color Scheme and Decoration.	
1.1.5 Lighting and Ventilation	
1.2 Installation Cost	
1.3 Operating Cost	
2. Management techniques	8
2.1 Leadership	
2.2 Authority	
2.3 Responsibility	
2.4 Functions of Management	
3. Hygiene and First Aid	6
3.1 Sterilization and Sanitation of Equipment's and Materials.	
3.2 Personal and Parlour Hygiene	
3.3 First-Aid for Emergency & Accident	
4. Tax System and Insurance :	10
4.1 Income Tax	
4.2 Goods and service Tax	
4.3 Custom Duty	
4.4 Industrial Insurance	
4.5 Insurance pertaining to Beauty Parlour	
4.6 Cosmetic and Drug Act	
4.7 Procedure for industrial insurance	
5 Day to Day Management of parlour	5
5.1 Motivating the employes	
5.2 Interpersonal relations	
5.3 Staff requirement and record	

REFERENCE BOOKS:

1. Standard Text Book of Cosmetology Milady staffhand
2. Hand book of first aid Dr Prem sunder

COMMON DISORDERS OF SKIN , NAILS & HAIR

Course Code	BC-4004
Course Title	Common Disorders Of Skin , Nails & Hair
Number of Credits	4 (L-3, T-1, P-0)
Prerequisites	None

Course Objective

The student seeking admission to the Diploma of Beauty Culture must have thorough knowledge of diseases and disorders of skin and hair to prevent infection in salon.

Course Outcome

After completing the course the Learner will be able to:

- Differentiate or categorize common skin and nails disorders and diseases
- Investigate the disorders and diseases of skin and nails; and their contraindications to treatment.
- Learn the characteristics and transmission of micro-organism which cause disease in humans.
- Treat common skin orders such as acne vulgaris, pigment disorders etc.

Course Contents

	L	T
1. Study the following	6	2
1.1 Characteristics of healthy skin		
1.2 Ageing of skin -Symptoms, causes, prevention and remedies		
1.3 Disorders of nails		
2. Common skin disorders – Introduction, Symptoms, causes, prevention and remedies :	12	4
2.1 Disorders of the oily glands.		
2.2 Disorders of the sweat glands.		
2.3 Tanning and sunburn.		
2.4 Pigmentation defects		
2.5 Introduction, Symptoms of following:		
2.5.1 Psoriasis		
2.5.2 Eczema and Dermatitis		
3. Microorganisms – Introduction, effect on skin & hair and control.	12	4
3.1 Define disease and infection		
3.2 Definition of Pathogenic and non pathogenic organism		
3.3 Microorganisms- Introduction , Effect on skin and hair and control.		
3.3.1 Bacteria		
3.3.2 Fungi- Tinea		
3.3.3 Virus		
3.4 Scabies		
3.5 Covid-19		
4. Disorders & Diseases of hair	9	3
4.1 Hereditary defect		
4.2 Nutritional defect		
4.3 Acquired defect		
4.4 Alopecia		
4.5 Head lice		
4.6 Pre-mature graying		
4.7 Dandruff		

REFERENCE BOOKS:

1. Science for Hair Dressing Students Lee, C.M. & Inglis, J.K. , Pergamon press.
2. Beauty Specialist 2nd Edition. Gallant, Ann.

BEAUTY THERAPY--IV LAB

Course Code	BC-4005
Course Title	Beauty Therapy--IV Lab
Number of Credits	1.5 (L-0, T-0, P-3)
Prerequisites	None

Course Objective

The students seeking admission to the diploma of Beauty Culture must have knowledge of aroma facial, advance makeup and cosmetics and latest technology for make-up and body spa to develop their employment skill in industry.

Course Outcomes

After completing the course the learner will be able to:

- The students will be familiar with the basic concepts of Aroma therapy for different skin and condition.
- Carry out knowledge of special and advance makeup cosmetic and make up procedure skill
- Carry out body spa

Course Contents

- | | |
|--|-----------|
| 1. Aroma therapy : Introduction, Procedure, benefits, precautions | 5 |
| 1.1 knowledge of essential oils and carrier oils | |
| 1.2 Blending of aroma oils | |
| 1.3 Therapeutic uses of aroma therapy | |
| 2. Special and Advanced Make-up- Introduction, Cosmetic and tools knowledge, Procedure, benefits, precautions | 25 |
| 2.1 Model make up | |
| 2.2 Character makeup | |
| 2.3 Fashion Makeup | |
| 2.4 HD Makeup | |
| 2.5 Air brush makeup | |
| 3. Spa Therapy : Introduction, Cosmetic knowledge, Procedure, benefits, precautions | 9 |
| 3.1 Definition of Spa | |
| 3.2 Spa etiquettes | |
| 3.3 Spa Equipments | |
| 3.4 Different types of Spa | |
| 3.4.1 Body Wraps, Mud, Clay and herbal therapies | |
| 3.4.2 Body polishing | |
| 3.4.3 Deep tissue massage | |
| 3.4.4 Hot stone Massage | |
| 3.4.5 Cupping / Lymphatic massage | |

Note: The Essential Theory should be taught during the Practicals.

REFERENCE BOOKS :

- | | |
|---|------------------|
| 1. Standard Text Book of Cosmetology | Milady staff |
| 2. Principles and Practice of Beauty Culture | Florence wall |
| 3. Manual for Skin Care, Cosmetics | Madame Korner |
| 4. application and Corrective Make-up | |
| 5. Beauty Specialist | Ann Gallan |
| 6. The illustrated guide to Massage and aroma therapy | Catherine stuart |

HAIR DRESSING –IV LAB

Course Code	BC-4006
Course Title	HAIR DRESSING –IV LAB
Number of Credits	1.5 (L-0, T-0, P-3)
Prerequisites	None

Course Objective

The student seeking admission to the Diploma of Beauty Culture must be will used with the hair coloring, hair lightening and bleaching and latest haircuts as hair dressing is an important aspect of external beauty.

COURSE OUTCOMES

After completing the course the learner will be able to –

- Learn about latest hair styles and hair cutting
- Learn about hair coloring techniques
- Learn about hair Bleaching or Hair Lightening

Course Contents

1. Hair styles	15
1.1 Hair style for open hair	
1.2 Hair styles according to Fashion	
1.3 Bridal hair styles	
2. Hair Colouring and Tinting : Procedures and safety precaution	30
2.1 Determine degree of Porosity	
2.2 Depth and Tonal Value of Colours	
2.3 Neutralizing Colours	
2.4 Temporary Colour	
2.5 Semi-permanent Colour	
2.6 Patch test	
2.7 Care of Hair Colouring Products	
2.8 Procedure	
2.9 Tint Retouch-Procedure for Retouching Tint	
2.10 Fillers	
2.11 Tinting Back to Natural	
2.12 Coloring technique-global, Ombre, balayage, Sombe, frosting etc.	
3. Bleaching or Hair Lightening:	5
3.1 Different types of Hair Lighteners	
3.2 Decolorization	
3.3 Procedure	
3.4 Problems Encountered in Hair Bleaching	
3.5 Precautions to be taken	
4. Advance Hair Cutting -	15

Note: The Essential Theory should be taught during the Practical's.

REFERENCE BOOKS:

- | | |
|---|---|
| 1. The Prentice Hall Text Book of Cosmetology | Oline P. Scott,. Mary G. Callahan.et al |
| 2. Milady's Standard | Milady Staff |
| 3. Textbook of Cosmetology | Milady Staff |

BODY PERFECTION AND YOGA – IV LAB

Course Code	BC-4007
Course Title	BODY PERFECTION AND YOGA – IV LAB
Number of Credits	1.5 (L-0, T-0, P-3)
Prerequisites	None

Course Objective

The student seeking admission to the Diploma of Beauty Culture must have knowledge of different kind of exercises health club equipments and meditation to maintain the health.

Course Outcomes

After completing the course the Learner will be able to:

- Understand the basic of power yoga and practice Yoga
- Learn study of baths.
- Learn Meditation techniques to reduce stress and to improve emotional regulation.
- Learn surya namaskar technique

Course Contents

1. Exercise for Body Perfection	9
1.1 Power yoga	
1.2 Exercise for different part of body	
2. Yogic Asana : Procedure, Benefits and precaution	10
2.1 Sarvanasana	
2.2 Vipritkarni asana	
2.3 Markatasana	
2.4 Padsatasana	
2.5 Trikonasana	
2.6 Suptvajasana	
2.7 Setubandha asana	
2.8 Balasana	
2.9 Sihasana	
2.10 Sarvanasana	
3. Study of different kind of baths:-	6
3.1 Sauna Bath	
3.2 Steam Bath	
3.3 Jaccozy Bath	
4. Meditation Techniques:	4
4.1 Om Technique	
4.2 Musical technique	
5. Surya namaskar benefits and precautions.	10

Note: The Essential Theory should be taught during the Practicals.

REFERENCE BOOKS:

- | | |
|--|--------------------------------|
| 1. YogSadhanaAvamYog ChikitsaRahasya | Swami RamdevjiMaharaj |
| 2. DivyaYogSadhana (Asan – Pranayam) V.C.D. Part 1-2 | Swami RamdevjiMaharaj |
| 3. YogasanandSadhana | Dr.Satyapal, Dr. D. D. Agarwal |
| 4. Surya namaskar | Suresh Chandra sharma |

COSMETIC SCIENCE- II LAB

Course Code	BC-4008
Course Title	COSMETIC SCIENCE- II LAB
Number of Credits	0.5 (L-0,T-0, P-1)
Prerequisites	None

Course Objective

The students seeking admission to the diploma of Beauty Culture must be well versed with practical of cosmetic making to provide opportunities to have a career in fast growing cosmetic industry in the area of product development & manufacturing or to become an entrepreneur in the field.

Course Outcomes

After completing the course the Learner will be

- Able to have a more critical approach to the use of cosmetic products.
- Understand their basic physicochemical structure.
- Develop critical opinion with regard to the cosmetic industry and gain confidence in working in a laboratory

Course Contents**P****Prepare following preparation in lab**

1 Body Massage Oil	1
2 Shower gel	1
3 Bath salt	1
4 Body Scrub	1
5 Herbal and chemical hair removing wax	1
6 Shampoo	1
7 Hair conditioners	1
8 Hair Serum	1
9 Organic hair dyes	1
10 Natural hair masks and packs	1
11 Talcum Powder	1
12 Sanitizers	1
13 Organic Lip balm	1

Note: The Essential Theory should be taught during the Practicals.

REFERENCE BOOKS:

1. Cosmetic Science -- Balson and sagarin , wiley Technology(vol.1 & 11) inter scienc
2. Perfume, soaps and cosmetics, roopnagar delhi, hindi ---A.K Gupta small scale industries
3. A Text book of applied chemistry for home science and applied science ltd.—the macmillan com. of India
4. A text book of applied chemistry--- P.S & manrao , m.r kalyani pub. New delhi
5. Modern cosmetics corporation, Bombay--- thomssen E. O,universal pub.

ENVIRONMENTAL STUDIES-II LAB

Course Code	BC-4009 (Common in All Branches of Non Engineering)
Course Title	Environmental Studies-II lab
Number of Credits	1.0 (L-0, T-0, P-2)
Prerequisites	None

Course Objective:

Environmental study is a subject as per directions of Supreme Court / Govt. of India. Under Act. 51 A (g) of our constitution it is our fundamental duty to protect our environment.

A diploma holder must have knowledge of different types of pollution so that she may help in balancing the eco system and controlling pollution by pollution control measures. She should also be aware of environmental laws related to the control of pollution.

Course Outcomes

After completing the course the Learner will

- Understand the extent of Land pollution in their city.
- Understand the local birds, plants, insects.
- Importance of Afforestation (Plantation)
- Have awareness towards Environment

Practicals

1. Visit to local area to document environmental assets-mountain/ desert / river / forest
2. Study of local birds, plants, insects
3. Plantation
4. Environmental awareness campaign through exhibitions

Note : After visits/ study, the students will prepare posters , charts , reports for exhibitions / presentations.
