



NEHRU ARTS AND SCIENCE COLLEGE

(AUTONOMOUS)

(Affiliated to Bharathiar University Accredited with "A+" Grade by NAAC)

Nehru Gardens, Thirumalayampalayam, Coimbatore - 641 105, Tamil Nadu.

www.nehrucolleges.net



CRITERION I - CURRICULAR ASPECTS

1.3.1. List and description of the courses which address the Gender, Environment and Sustainability, Human Values and Professional Ethics into the Curriculum

S. No.	Course Code	Course Name	Description
Professional Ethics			
1.	22U3CHA101	Accommodation Operations I	Knowledge on Personal Attributes of Housekeeping, Organization and its functions.
2.	22U3CHC101	Food Production I	Acquire knowledge on Professional Cookery, Hygiene, Hazard Analysis and critical control point.
3.	22U3CJC101	Python Programming	Develop problem solving skills to solve the computer based problems at global needs
4.	22U3FRC101	General Forensic Science	Understand the fundamental Principles of forensic science and processing crime scene in a systematic manner.
5.	22U3CBC102	Indian Banking System	Acquire knowledge about the banking system prevailing in India.
6.	22U3DFC102	Basics of Cyber Law	Know about the various types of cybercrimes, cyber Laws and its applicability.
7.	22U3BMC203	Organizational Behavior	Focuses on Human Behavior, Attitude and Values, Group Conflicts and Grievance Redressed Mechanism.
8.	22U3CPC102	Business Law	Acquire the knowledge on Law of Contract and Relevant Laws.
9.	22U3CHC102	Food and Beverage Service I	Knowledge on basic Restaurant Etiquettes and equipment's required for different styles of service.
10.	22U3CKC203	Java Programming	Understand the Object Oriented Paradigm and develop programs using control statements, arrays, packages and interfaces.
11.	22U3VCC204	Fundamentals of Advertising	Expand the basic designing concepts in advertising, marketing and integrated marketing communications.
12.	22U3ACC307	Banking Theory Law and Practice	Acquire the knowledge in the field of Banking Sector.
13.	22U3CPC308	Industrial Law	Grasp the fundamental principles of factories act.



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14.	22U3ACA404	Company Law and Secretarial Practice	Enhance the students to have a thorough knowledge on formation of company and documentation as per act.
15.	22U4FSC410	Baking and confectionery	Deals the role of different ingredients in baking and confectionery and methods of product formation.
16.	22U3CRE501	Corporate Tax Planning	Acquire the basic knowledge of Corporate tax planning .
17.	22U3BTE501	Biotechnology and Food Safety	Understand the aspects of advanced and emerging analytical technologies to address current issues in food safety, nutrition and food supply.
18.	22U3BTE503	Agricultural Biotechnology	Provide Scientific evidence and technical aspects of the different disciplines of agricultural biotechnology.
19.	22U4FRS503	Law for Forensic Science	Providing awareness to the students regarding the legal framework in which forensic science operates.
20.	22U3CDY503	Fashion Makeover Practical	Acquires technical and theoretical skills require to learn cosmetology.
21.	22U3DFC510	Malware Analysis and Cyber Threat.	Acquire Knowledge in malware analysis and cyber threat.
22.	22U3VCC511	Media Laws and Ethics	Converse the facts on media parts listed by the regulatory bodies in our country to build advertising and broadcasting with ethical standards.
23.	22U3ACC514	Income Tax Law and Practice	Enable the students to know the basics of Income Tax Act & its implications.
24.	22U3CBC514	Banking Technology Management	Understand the concept of Banking Technology and Banking Services
25.	22U3CRC516	Executive Business communication	Enable the students to communicate clearly in the day - to day business world.
26.	22U3CPC516	Financial Reporting	Acquire the knowledge in the field of formulating accounts and report Preparation
27.	22U3CDP517	Fashion Portfolio Presentation	Guide the students to understand the concept of fashion by challenging the individual ideas to design and develop the impressive garments.
28.	22U3MBE604	Bio safety and Intellectual Property Rights (IPR)	Disseminate knowledge on Patents, Copy Rights, Intellectual Property Rights, Trade Marks and legal protection of biotechnological invention.



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29.	22U3CKE605	Software Quality Assurance (SQA)	Adherences to ethical standards towards concept, factors and components of Quality Assurance.
30.	22U3ACE605	Entrepreneurial Development	Enrich the strategy process which incorporates various tools that concentrate on skill development of the individual in an array of ways.
31.	22U3MBE606	Microbial Quality Control in Food and Pharmaceutical Industries	Impart the student's skill with the basic concepts of microbiological quality control and gain an in-depth knowledge in Determining Microbes in Food.
32.	22U3ENG606	Effective Business Communication.	Helps to develop business communication skills
33.	22U3RLE606	NGO Management	Understand the principles and practices of NGO Management.
34.	22U3CKE606	Information Security	To portray the Legal and Ethical implications of Information Security headed to protect the sensitive data from Cyber Attacks.
35.	22U3DFE607	Intellectual Property Rights and Privacy Laws	Intends to provide the exposure towards various types of privacy laws, Global Privacy Issue and Legal Tools.
36.	22U3ACE608	Financial Markets	Enable the students to know functioning of Indian Financial Markets.
37.	22U3MBE608	Microbiology and Entrepreneurship	Gain knowledge on designing, launching and running a new business using potential microorganisms with Factors affecting entrepreneurial growth.
38.	22U3DFE610	Ethical Hacking	Provides an in-depth understanding of ethical hacking phases, various attack vectors, and preventative counter measures.
39.	22U3CPC617	Auditing and assurance	Enlighten the students' knowledge on Auditing procedures and concepts.
40.	22U3CHC618	Food and Beverage Management	Acquire Skills in Menu Planning and Banquet Functions.
41.	22U3CBC618	Banking Services and Customer Relationship Management	Understand the knowledge about service marketing and consumer behavior.
42.	22U4NM3CAF	Consumer Affairs	Enable the students to understand the concept of consumers and markets
43.	22U4VBOE06	Indian Knowledge System.	Understand the knowledge system in India and apply it to their day to day life.



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44.	22U4VBOE07	Principles of IPR	Learn the procedure of obtaining patents , copy rights , trademarks and industrial Design
45.	22U4VBOE08	Science, Society and Culture.	Create awareness on Science, Indian society and cultural Heritage of our country
46.	22U4VBOE09	Community Engagement	Serves as an introduction to community Engagement, helping learners to explore methods of community involvement, change making process and professionalism within the community.
47.	22U4VBOE13	Media and politics	Impart the knowledge of understanding the media and politics.
48.	22U4VBOE15	Professional Ethics	Understanding the importance of Values and Ethics in their Personal lives and Professional careers.
49.	22PGMBE101	Principles of Quality Assurance in Food	Learn about the methods adopted to assess quality for good manufacturing practices of food with standard operating procedures.
50.	22PGCFE101	Financial Markets and Institutions	Equip the Knowledge on foreign exchange Markets
51.	22PGBTE103	Research Methodology	Expound the ethical dimensions of conducting applied research and report writing with the aim of grant proposal.
52.	22PGSWE103	Indian Legal System	Focuses on the outlook of Indian Legislation System, Social Legislations, Public Legislation Laws and Human Rights.
53.	22PGFNC103	Nutritional Biochemistry	Understand the mechanisms involved in the conversion of macro and micro nutrition to energy.
54.	22PGCFE103	Indirect Taxation	Enrich the knowledge on GST
55.	22PGENC105	Linguistics and Phonetics	Gains knowledge in linguistics and phonetics
56.	22PGMBE201	Principles of Quality Assurance in Pharmaceuticals	Understand about the testing and validation of pharmaceutical products for their quality maintenance
57.	22PGCFE204	Indian Stock Exchanges	Equip the knowledge on Stock Exchanges
58.	22PGCFC206	Financial Management	Equip the knowledge on Investment
59.	22PGCFC207	Financial Services	Acquire Knowledge on financial Markets



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60.	22PGBTC208	Bioethics, Bio safety & IPR	Able to analyze the rules integrated with Intellectual Property Rights and Patents.
61.	22PGMBC208	Bioprocess Technology	Demonstrate the screening and strain improvement of industrially important organisms using modern technologies.
62.	22PGMBE301	Total Quality Management (TQM)	Learn about the concepts and principles to measure the quality and implementation in production industries and Familiarizing with Benefits of ISO Registration and Audits.
63.	22PGBTE302	Quality Control and Assurance	Emphasis on levels of quality and statistical methods and good laboratory regulation.
64.	22PGSWE302	Entrepreneurship and Innovations	Awareness on early stages of employability through the methods of fostering innovations and Invention.
65.	22PGCFE307	Futures and options	Understand the importance of commodity market in India.
66.	22PGFNC310	Research Methodology and Biostatistics	Direct the students to design research with appropriate data collection, organization and representation with the research ethics.
67.	22PGMBC310	Microbial Biotechnology and IPR	Understand the production of products by using innovative ideas and to protect the innovation by using IPR.
68.	22PGCFC310	Direct Taxes	Enrich the knowledge on calculation of income tax.
69.	22PGMBC311	Biostatistics and Research Methodology	Understand the statistical methods for analyzing corrected data produced by longitudinal measures take over time.
70.	22PGENC311	English Language Teaching	Understand various phases in the development of English language teaching
71.	22PGSWE402	Legal Aspects of Business	Enriching the knowledge in establishing new organization with knowing the procedures, risk assessment and legal formalities.
72.	22PGCFC411	International Financial Management	Enrich the knowledge on FOREX Derivatives
Gender Equity			
1.	22U3RLA101	Social Problems and Legislations	Understand the sociological explanations to crime and social legislation.
2.	22U3VCA202	Creative Writing for Media	Enable independent critical thinking and create the sense of writing for special groups.
3.	22U3RLC407	Juvenile and Gender Justice System	Familiarize with the juvenile delinquency and gender justice in criminal justice system



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4.	22PGSWE203	Geriatric Social Work	Understand the welfare schemes of elders, social work interventions, definitions of old age, problems faced by the aged and family.
5.	22PGSWE303	Social Work with Transgender	Highlights the problems faced by the transgender, health care services, role of social workers in the welfare of transgender and stress factors of Transgender.
6.	22PGENC312	Women's Writing in English	Description of complex issues exists in social, political, economic and legal aspects that characterize women's rights around the globe.
7.	22U4NM3WR T	Women's Rights	Gain knowledge in Political Rights, Constitutional Rights, Individual Rights, and intellectual or cultural contributions of Women in India.
8.	22U4NM3GST	Gender Sensitization	Raise awareness of gender, promote gender equity and equip learners with key concepts and principles of Gender Sensitization
Human Values			
1.	22U4HVY201	Value Education – Human Values and Yoga Practice I	Understand the Human Ethics, Values, Social relationships and apply the knowledge for physical health and well-being through Simple exercises.
2.	22PGSWE201	Human Rights and Social Legislation	Understand the legislations in human rights, social legislation, rights for target population and available legislations for HR.
3.	22U3DFA303	Computer Forensic Essentials.	Understand the basics of computer forensics.
4.	22PGENC314	Cultural Studies	To know about different cultures and its theories.
5.	22PGENE401	Disability Studies	Analyze the experiences the person with disability and inculcate social responsibilities,
6.	22PGSWE401	Counseling and Guidance	Create opportunity in counseling, develops the nature of handling clients and startup of Counseling centers.
7.	22U3RLC408	Victimology and restorative Justice	Understand victimization of various forms including crime victimization.
8.	22U4VCS503	Media Research Techniques	Comprehend the fundamentals of design research and application in various media platform.



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9.	22U4VBOE05	History of Ancient India	Explore the rich and diverse history of ancient civilizations, political systems and cultural achievements.
10.	22U4VBOE14	Positive Psychology and Work Life	Build relevant competencies for experiencing and sharing happiness as lived experience and its implications.
Environment and Sustainability			
1.	21U4ENV101	Environmental Studies	Enables the students to recognize the interconnectedness of multiple factors in environmental challenges and communicate clearly and competently matters of environment concern.
2.	21U4HRC202	Human Rights and Constitution of India	Knowing the functions of Government and Election Commission of India and In-depth insight into the constitutional, statutory and institutional aspects of human rights protection in India.
3.	22U3CKC204	Data Structures	Understand the concepts of arrays, stacks and queues using appropriate data structures.
4.	22U4FSS301	Techniques of food Evaluation.	Analyze the food quality and techniques in novel food products.
5.	22U3FRA303	Forensic Biology	Understand and Analyze wile life related cases.
6.	22U4MBS402	Bio fertilizers and Bio pesticides	Gain knowledge on production and usage of bio-fertilizers to prevent the environmental pollution.
7.	22U3CKE501	Block Chain Technology	Demonstrate the strategies to apply the knowledge of Block chain Technology in Government, Finance and security related applications.
8.	22U3CDE502	Textile Biotechnology	Impart the knowledge on enzymes activity in textile processing and textiles effluent generations.
9.	22U4RLS503	Disaster and risk Management	Identify assess and mitigate risks develop emergency plans and respond to disasters.
10.	22U3CKE503	Internet of Things	Understand the data, knowledge Management and use of Devices in IoT based Applications.



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11.	22U4MBS503	Management of Human Microbial Diseases	Gain knowledge on the pathogenic microorganisms that cause infection to human being and their preventative measures.
12.	22U3CSC507	Data Communication and Networks	Understand the concepts of Communication Networks.
13.	22U3MBC508	Environmental and Agricultural Microbiology	Analyze the microbes that interact with the environment and each other.
14.	22U3CDC513	Technical Textiles	Awareness on the basic concepts and techniques associated with the Technical Textiles Industries.
15.	22U3CHE605	Room Division Management	Impart knowledge on quality service and managerial skills in room division operations.
16.	22U3ENE609	Introduction to Travel Writing	Exposure to different culture environment and climates.
17.	22U3MBE609	Microbial Diagnosis in Health Clinics	Provides an opportunity to develop information and diagnostic skills to interpret of laboratory tests in the diagnosis of infectious diseases
18.	22U3MBP613	Lab in Environmental, Agricultural and Food Microbiology	To assimilate knowledge across Environment, agricultural and food microbiology discipline.
19.	22UMBSS01	Solid Waste Management	Emphasis the types, amounts of solid waste, regulatory aspects, the handling of wastes and by products.
20.	22U4VBOE01	Design Eco System	Gain the knowledge on ecosystem and environmental sustainability.
21.	22U4VBOE03	Disaster Management	Learn knowledge about disaster and risks and apply the same in the time of any disaster.
22.	22U4VBOE04	Environmental Pollution and Waste Management	Acquire deeper knowledge about environmental Management System.
23.	22U4VBOE10	Emotional Intelligence	Understand the concepts of Emotional intelligence, its models and components.
24.	22U4VBOE11	Fundamentals of Tourism	Impart Knowledge on Tourism and its developments in the economic growth and also to identify the tourist needs.



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25.	22U4VBOE12	Health education	Acquire knowledge on different dimensions of health and inbuilt healthy life style practices.
26.	22U4VBOE16	Science of Happiness	Create a positive work Environment and promote happiness for themselves and others.
27.	22PGBTE101	Environmental Biotechnology	Able to examine the current applications of biotechnology to environmental quality evaluation, monitoring, remediation.
28.	22PGMBC104	Environmental and Agricultural Microbiology	Acquire knowledge about different microbes from air, soil and water pollution and their water borne diseases, biogeocycles.
29.	22PGFNC205	Food Processing and Preservation Techniques.	Understand the thermal and Non thermal processing techniques in food industry.
30.	22PGFNE403	Food industrial waste management	Develop the skill about Food Industrial waste management and Learn about segregation of waste.
31.	22PGENE402	Post-Colonial Travelogue	Exposure to different culture environment and climates.



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