



MES ASMABI COLLEGE

Affiliated to University of Calicut, P.Vemballur, Kodungallur, Thrissur Dist., Kerala, Pin: 680671
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2021-2022

Certificate Course Information Booklet



M.E.S Asmabi College, a premier educational institution managed by the Muslim Educational Society (Regd.) Calicut, owes its existence to the remarkable foresight and unremitting zeal of the late Dr. P.K.Abdul Gafoor, the late P.K. Abdulla and late Dr. A.K Siddiq Karikulam Azhikode.

Started in the year 1968 at P. Vemballur, Kodungallur, a remote coastal backward village in the S N Puram Panchayath of Thrissur District with the main objective of uplifting the educationally backward community especially muslims of the area who had been denied of the right to education for generations. The college now caters to the needs of the students throughout Kerala and Lakshadweep , cutting across the barriers of class, caste, creed and religion. Hajee Ismail Essa Sait of Cochin initially donated the land and the building and the college was named after his mother Asmabi.

CERTIFICATE COURSES FOR ACADEMIC YEAR 2021-22

SL. NO.	NAME OF THE COURSE	DEPARTMENT
1	Basic Training in English for PSC Examinations	English
2	English Grammar & Basic Writing	English
3	Nutritional & Clinical Biochemistry	Biochemistry
4	English for Daily Use	English
5	Intellectual Property Rights	Botany & IPR Cell
6	Preparation & Execution of the Project	Economics
7	Internet and MS Office for Beginners	Computer Applications
8	Entrepreneurship Development in Sea Food Industry	Fish Processing Tech.
9	Python for Beginners	Physics
10	Mushroom Cultivation	Botany
11	Professional Skills in Career	Psychology
12	Introduction to SPSS	Commerce
13	Bridal Make Up	Commerce
14	Academic Writing and Reference Management	Library Science
15	Professional Skill Development in Hindi	Hindi
16	Fitness Training & Sports Injury Management	Physical Education
17	Zumba	Mass Communication
18	Training & Practicing in Public Speaking	English
19	Mobile Short Film Making	Digital Film Production
20	Sustainability and Environment	English
21	Logics and Techniques	Mathematics & Statistics
22	Inventory Management	Logistics Management
23	Nursery Techniques	Botany
24	Smart Aquaculture	Aquaculture
25	Toxicology	Aquaculture

ADD ON/ VALUE ADDED COURSES FOR ACADEMIC YEAR 2021-22

SL. NO.	NAME OF THE COURSE	DEPARTMENT
26	Diploma in GST and Tally	Commerce
27	Basics of Literary Theory	English
28	Formatting & Organising Research Papers	English
29	Financial Services	Commerce
30	Counseling Skills : Major Areas in Behaviour Modifications	Psychology

DEPARTMENT OF ENGLISH



Certificate Course in Basic Training in English for PSC Exams

Objectives of the Course

The primary objectives of the course include:

- To enable the students to get through competitive examinations.
- To enable the students to acquire basics of grammatical usages.
- To empower with the mastery of idiomatic expressions and usages in English.

Duration: 30 Hours

Key Modules

The course covers essential linguistic elements, starting with a diagnostic test. It delves into Parts of Speech, including Nouns, Determiners, Articles, Pronouns, Adjectives, Adverbs, Prepositions, and Conjunctions. It explores sentence structure, Subject, Verb, Object relations, verb forms, Concord, Tenses, Active and Passive Voice, Reported Speech, Tag Questions, Idioms, Foreign Phrases, Synonyms, Antonyms, Common Errors.

Outcome

This course focuses on preparing the learners for government job entrance exams. The course outcome focuses on strengthening English language skills of the learners. The expected outcomes include acquiring grammar mastery, vocabulary enhancement, proficiency in reading comprehension, improvement in writing skill, time management skill and critical reasoning and analytical skills.

Coordinator: Dr. Amitha P Mani

Contact No.: 9249724776

DEPARTMENT OF ENGLISH



Certificate Course in English Grammar & Basic Writing

Objectives of the Course

The primary objectives of the course include:

- To enable the learners to reinforce their basic knowledge of English Grammar.
- To make the learners understand and reinforce the basic structures in English Grammar to build a strong foundation.
- To enable learners to recognize and understand the meaning of grammatical structures in spoken and written form.
- To train learners to use the language structures with confidence and without errors in various oral and written communication processes.

Duration: 30 Hours

Key Modules

The course encompasses fundamental grammar concepts, introducing form and function class words, word order, and sentence structure. It covers subject-verb agreement, sentence types, and sentence transformation. Additionally, it imparts basic writing skills, including paragraph, essay, letter, CV, and resume writing, along with grammar exercises, assignments, and evaluation components.

Outcome

This course enriched students across various disciplines by imparting comprehensive structural grammar knowledge. It provided practical applications in both spoken and written language, enhancing communication skills. Furthermore, it guided students in crafting official communication, including letters, CVs, and resumes, fostering practical linguistic proficiency.

Coordinator: Sabitha MM

Contact No.: 9847841441

DEPARTMENT OF BIOCHEMISTRY



Certificate Course in Nutritional & Clinical Biochemistry

Objectives of the Course

The primary objectives of the course include:

- Gain the knowledge and ability to interpret basic clinical biochemistry investigations in human body fluids, enabling students to contribute to disease diagnosis and prognosis in a clinical setting.
- Develop a comprehensive understanding of nutritional principles and the chemical properties of nutrients and dietary components to make informed dietary choices and recommendations.
- Acquire the skills to create well-balanced and personalized diet plans to meet individual nutritional needs and goals.

Duration: 30 Hours

Key Modules

This course comprehensively covers food and nutrition fundamentals, including basic food groups, physiological aspects of macronutrients, and vitamins. It delves into dietary planning, energy expenditure, and nutrition's role in various life stages. Clinical Biochemistry topics encompass biochemical tests, specimen processing, and diagnostic tests for conditions like diabetes, liver dysfunction, and anemia.

Outcome

This course imparts foundational nutrition knowledge by delving into macronutrients, food groups, and dietary fundamentals. Students explore vitamins, minerals, and the art of crafting balanced diets. The curriculum covers energy expenditure calculations and dietary planning for diverse life stages. Additionally, it fosters awareness of nutrition's impact on brain development, milk feeding, and food safety. Clinical biochemistry skills, encompassing biochemical tests and specimen processing, are also emphasized.

Coordinator: Mohammed Areej E M

Contact No.: 9496844901

DEPARTMENT OF ENGLISH



Certificate Course in English for Daily Use

Objectives of the Course

The primary objectives of the course include:

- To enable the students to use the language with fluency, appropriate diction and idioms
- To enable the students to acquire basics of Suprasegmental features of spoken English
- To empower with the mastery of rhetoric in public speech, using language confidently in interviews

Duration: 30 Hours

Key Modules

This language course for second language learners covers grammar, verb forms, tenses, idioms, and polite communication. The phonetics module explores vowels, diphthongs, consonants, and connected speech with intonation. Vocabulary includes common expressions, situational conversations, and pronunciation practice. The course emphasizes individual work with speech patterns, self-introduction, mock interviews, formal speech, and various activities to enhance language proficiency.

Outcome

This course empowers students to communicate with confidence in professional and social settings. Encompassing English grammar, vocabulary, reading, writing, listening, and speaking, it caters to beginners establishing a foundation and intermediate learners refining language skills. The course instills essential confidence for successful interviews, ensuring holistic language proficiency.

Coordinator: Shiji Ibrahim U

Contact No.: 9605504855

DEPARTMENT OF BOTANY & IPR CELL



Certificate Course in Intellectual Property Rights

Objectives of the Course

The primary objectives of the course include:

- To bring innovation and excellence in teaching and research.
- To generate critical awareness among students, teachers and the younger generation on the correlation between technology and society.
- To promote interdisciplinary approach in teaching and research, as well as to make it socially relevant.
- To give a direction to identify issues and concerns at local/regional/global problems through training of the required human resources.

Duration: 30 Hours

Key Modules

This course delves into the evolution and theoretical underpinnings of Intellectual Property Rights (IPRs), exploring early conventions and the impact of organizations like WTO, TROPS, and emerging global regimes. It covers key IPR categories such as copyrights, patents, geographical indications, trademarks, and industrial designs. The historical overview includes IPR regulations in India, the Indian Patent Act, and India's engagement with TRIPs.

Outcome

This certificate course elucidates the vital role of intellectual property rights (IPRs) in safeguarding and promoting innovation. It equips students to differentiate and elucidate diverse IPR forms, enabling them to categorize their intellectual work appropriately. The course empowers students to apply statutory provisions for protection, identify procedures at national and international levels, and develop skills in conducting searches using modern tools and techniques.

Coordinator: Dr. Jisha K.C.

Contact No.:9846514038

DEPARTMENT OF ECONOMICS



Certificate Course in Preparation and Execution of the Project

Objectives of the Course

The primary objectives of the course include:

- To know the importance of research in the various fields.
- To understand the process of research design that are used in the project
- To develop the analytical skills that will enable students to execute the project.

Duration: 30 Hours

Key Modules

This course covers essential research elements, addressing Types of Research, the imperative Need of Research, Literature Review, Types of Data, Methods for Data Collection, Tabulation, and Presentation. It introduces Analytical Tools, focusing on Measures of Central Tendency and Dispersion. The curriculum emphasizes data interpretation, project writing, and effective data presentation techniques, fostering comprehensive research skills.

Outcome

This course ensures proficiency in research fundamentals, covering Types of Research, the imperative Need for Research, Literature Review, Data Types, Collection Methods, Tabulation, and Presentation. It introduces Analytical Tools, focusing on Measures of Central Tendency and Dispersion. Students gain expertise in data interpretation, project writing, and effective presentation, fostering robust research capabilities.

Coordinator: Dr. Dhanya K

Contact No.:9496129594

DEPARTMENT OF COMPUTER APPLICATION



Certificate Course in Internet and M S Office for Beginners

Objectives of the Course

The primary objectives of the course include:

- To enable students to familiar with Internet and browsing techniques
- To enable the students to acquire basic knowledge in MS Office tool

Duration: 30 Hours

Key Modules

This course covers essential research elements, addressing Types of Research, the imperative Need of Research, Literature Review, Types of Data, Methods for Data Collection, Tabulation, and Presentation. It introduces Analytical Tools, focusing on Measures of Central Tendency and Dispersion. The curriculum emphasizes data interpretation, project writing, and effective data presentation techniques, fostering comprehensive research skills.

Outcome

This course ensures proficiency in research fundamentals, covering Types of Research, the imperative Need for Research, Literature Review, Data Types, Collection Methods, Tabulation, and Presentation. It introduces Analytical Tools, focusing on Measures of Central Tendency and Dispersion. Students gain expertise in data interpretation, project writing, and effective presentation, fostering robust research capabilities.

Coordinator: Najula K M

Contact No.: 9539409190

DEPARTMENT OF FISH PROCESSING TECHNOLOGY



Certificate Course in Entrepreneurship Development in Seafood Industry

Objectives of the Course

The primary objectives of the course include:

- Create a passion for self employment
- Identifying the right opportunity
- Source of finance and to develop entrepreneurial skills.
- Role of Creativity and innovation in Entrepreneurial start-ups in seafood industry
- Live cases of social , techno, women entrepreneurs along with visit and interaction with entrepreneurship development peoples

Duration: 30 Hours

Key Modules

This course on Entrepreneurial Management comprises modules covering the evolution of entrepreneurship, roles of entrepreneurs, idea generation, resource management, and licensing. The Opportunities module focuses on fish processing, covering preservation methods, value-added products, fishery by-products, and includes an assignment/presentation. Implementation includes site visits, interviews, field visits, a project on value-added products from low-cost fish and shellfish, and product marketing.

Outcome

Upon completing this course, students gain profound industry knowledge, fostering effective business planning and compliance with industry regulations. They acquire marketing and branding skills, enhancing their ability to strategically position products. The course also imparts financial management expertise, ensuring a holistic skill set for success in diverse business environments.

Coordinator: Sugaina Sulaiman M S & Ujjwala Navas

Contact No.: 8075485686 & 9447530064

DEPARTMENT OF PHYSICS

PYTHON

Certificate Course in Python for Beginners

Objectives of the Course

The primary objectives of the course include:

- Acquire a solid understanding of Python's syntax, including variables, data types, operators, and control flow statements, to write clean and concise code.
- Gain confidence in working with essential data structures like lists, tuples, dictionaries, and sets, enabling efficient data organization and manipulation.
- Learn the concept of functions, how to create custom functions, and utilize parameters and return values to enhance code modularity and reusability.

Duration: 30 Hours

Key Modules

The course begins with an introduction to computer programming, programming languages, compilers, and interpreters, emphasizing Python. Basic Python syntax covers data types, variables, expressions, functions, return values, input/output statement. The module on strings, lists, and dictionaries explores their definitions and applications. The loops module introduces loop concepts, including while, for, and nested for loops, addressing initialization, infinite loops, break statements, and common loop errors.

Outcome

Participants complete the course with a robust foundation in Python programming, proficient in writing basic scripts, manipulating data with data structures, and effectively utilizing functions and file handling. They gain insights into object-oriented programming principles, empowering them to design and implement simple, yet effective, object-oriented programs.

Coordinator: Anisha P M

Contact No.: 9633793645

DEPARTMENT OF BOTANY



Certificate Course in Mushroom Cultivation

Objectives of the Course

The primary objectives of the course include:

- Enable the students to identify edible and poisonous mushrooms
- Provide hands on training for preparing bed for mushroom cultivation and spawn production
- Give the students exposure to the experiences of experts and functioning mushroom farms
- Help the students learn a means of self-employment and income generation

Duration: 30 Hours

Key Modules

This course begins with an introduction to mushrooms, covering taxonomical rank, history, scope, and vegetative characters. Common edible mushrooms like Button, Milky, Oyster, and Paddy Straw mushrooms are explored. Principles of cultivation include mushroom house construction, substrate sterilization, spawn production, composting, bed preparation, spawning, harvesting, and addressing cultivation challenges. The course also delves into health benefits, post-harvest technology.

Outcome

The course equipped the students with the necessary skills and knowledge to engage in mushroom cultivation throughout the year, be it on small, medium, or large farms, utilizing various levels of technology. Mushroom farming offers significant profit potential, even with minimal capital investment. It is an ideal business venture for individuals with limited expertise in the field of mushroom cultivation, as well as those who own suitable infrastructure for establishing a farm.

Coordinator: Nazeema M K

Contact No.: 8606335137

DEPARTMENT OF PSYCHOLOGY



Certificate Course in Professional Skills in Career

Objectives of the Course

The primary objectives of the course include:

- Training Students to enhance and acquire skills to develop Soft Skills
- Develop Skills in Communication and Presentation Skills
- Develop Skills to Train others on the Aspect of Administrative skills

Duration: 30 Hours

Key Modules

Key modules encompass self-expression and conceptual precision, featuring attention-building icebreakers. Navigate training and development, emphasizing confidence across self-dimensions. Recap previous sessions and delve into communication's nuances, incorporating context-specific voice modulation. Optimize training spaces, master content development, and employ diverse techniques like attention enhancement, simulation, collaboration, role play, life coaching, and case studies for learning.

Outcome

The course outcome intended to develop their skill to increase their performance level in industrial area. The students were trained very well how to develop contents based on training. Increasing their level in to a Trainer by understanding the resources needed and how to imply it. Assessment of their course was conducted very well by giving them proper assignments and increasing their dynamics by group discussion and involvement appropriately.

Coordinator: Lathif Penath

Contact No.: 9946238540

DEPARTMENT OF COMMERCE & MANAGEMENT STUDIES

The SPSS logo is displayed in a large, bold, white font against a red rectangular background. The letters are thick and rounded, with a registered trademark symbol (®) to the upper right of the 'S'.

Certificate Course in Introduction to SPSS

Objectives of the Course

The primary objectives of the course include:

- Cultivate a foundational understanding of data collection.
- Learn the selection of analysis techniques.
- Develop the skill to choose appropriate descriptive statistics techniques.
- Acquire the ability to confidently articulate findings in project reports.

Duration: 30 Hours

Key Modules

Explore research methods, methodology, sampling, and project design. Master the art of crafting effective questionnaires and coding data for SPSS. Gain proficiency in SPSS file options, importing data from other software. Learn variable creation, management, and manipulation. Delve into descriptive statistics, measures of central tendency and dispersion. Interpret results through charts and graphs. Conclude with a comprehensive final project report analysis.

Outcome

Empower students with foundational insights into data collection and analysis techniques. Enhance their ability to select appropriate descriptive statistics methods and confidently articulate findings in project reports. Cultivate the skills needed to navigate the entire process with assurance and competence.

Coordinator: Dr. Shahija V A

Contact No.: 9747724827

DEPARTMENT OF COMMERCE & MANAGEMENT STUDIES



Certificate Course in Bridal Makeup

Objectives of the Course

The primary objectives of the course include:

- To equip students to understand and deliver all services related to make-up
- Students will be guided on how consult with clients and recommend suitable service to them
- Students are also trained in identifying the skin type and the appropriate make-up based on the occasion

Duration: 30 Hours

Key Modules

Dive into the makeup industry with a focus on bridal makeup, exploring color foundations, powders, contouring, highlighting, eyebrows, and lip makeup. Uncover techniques for full, traditional, reception, and party makeup. Master saree wrapping and ornament setting for diverse bridal looks, including Christian and Muslim styles. Elevate your skills in traditional and contemporary hair styling, from classic updos to graduated cuts for various occasions.

Outcome

Upon completion, participants will master the art of makeup, specializing in bridal looks, color theory, and diverse makeup styles. Proficiency in saree wrapping and ornament setting for various bridal aesthetics, including Christian and Muslim styles. Acquire expertise in traditional and contemporary hairstyling, perfecting classic updos and modern cuts for diverse occasions.

Coordinator: Reshma A R

Contact No.: 8289858005

DEPARTMENT OF LIBRARY SCIENCE



Certificate Course in Academic Writing and Reference Management

Objectives of the Course

The primary objectives of the course include:

- Identify types of information resources available
- To understand the structure of knowledge management
- Access the required information effectively and efficiently
- Evaluate information and its sources critically
- Use the information ethically to satisfy the information need
- Documentation of the sources in the research document

Duration: 3 Months

Key Modules

Embark on Information Resources and Knowledge Management with key modules covering data concepts, knowledge management, literature survey techniques, and digital repositories. Immerse in Academic Writing and Communication, addressing citing, referencing, ethics, and plagiarism checks. In Reference Management, navigate Mendeley installation, library organization, and hands-on training for efficient reference handling.

Outcome

Explore knowledge management and identify diverse resource types. Learn essential bibliographic information for proper source citation. Understand documentation guidelines for different styles and grasp insights into plagiarism detection tools. Interpret similarity reports and discover online tools for effective project execution. Utilize reference management software for streamlined research and documentation.

Coordinator: Saliha P I
Contact No.: 9809841067

DEPARTMENT OF HINDI



Certificate Course in Professional Skill Development in Hindi

Objectives of the Course

The primary objectives of the course include:

- To enable the students to acquire basics of grammatical usage in Hindi
- To enable the students to communicate in Hindi
- To familiarize the students with basics of translation

Duration: 30 Hours

Key Modules

Explore the fundamentals of grammatical usage in Hindi, building a strong foundation for effective communication. Develop proficiency in expressing ideas and thoughts in Hindi, and delve into the basics of translation, enhancing language skills for conveying meaning accurately between Hindi and other languages.

Outcome

This course ensures students acquire essential grammatical skills in Hindi, laying the groundwork for effective communication. Through comprehensive training, students develop proficiency in expressing ideas in Hindi and gain a fundamental understanding of translation basics, facilitating accurate interpretation between Hindi and other languages.

Coordinator: Dr. Sanjeev Kumar K

Contact No.: 949725110

DEPARTMENT OF PHYSICAL EDUCATION



Certificate Course in Fitness Training & Sports Injury Management

Objectives of the Course

The primary objectives of the course include:

- To create awareness about health and fitness among youth.
- To create awareness about first aid of common sports injuries.

Duration: 30 Hours

Key Modules

Explore diverse facets of fitness, including types and components such as strength, speed, endurance, flexibility, coordination, and agility. Understand health-related and performance-related physical fitness, along with cosmetic fitness. Delve into the principles of fitness training and grasp knowledge on common sports injuries, their types, and first aid measures, emphasizing sports injury management.

Outcome

Upon completion, participants will possess a comprehensive understanding of fitness, encompassing diverse types and components. Proficiency in health-related and performance-related physical fitness, as well as cosmetic fitness, will be attained. Mastery of fitness training principles and knowledge in managing common sports injuries, including strains, sprains, dislocations, fractures, and wounds, will empower effective fitness practitioners.

Coordinator: Lt. M B Bindil

Contact No.: 9847374706

DEPARTMENT OF MASS COMMUNICATION



Certificate Course in Zumba

Objectives of the Course

The primary objectives of the course include:

- To equip students Zumba is being practiced owing to its health benefits.
- To Boost students confidence and Healthy Addiction
- Helps to improve intrapersonal communication

Duration: 31 Hours

Key Modules

Explore Zumba for holistic well-being, emphasizing basics, warm-up, and coordination. Progress to moderate and high-intensity workouts with varied dance styles like Salsa, contemporary, hip-hop, and belly dance. Attain physical fitness, stress management, and mental relaxation, fostering confidence and healthy addiction, while enhancing intrapersonal communication skills.

Outcome

Upon course completion, students will demonstrate proficiency in Zumba, benefiting from enhanced physical fitness, stress management, and mental relaxation. The program aims to boost confidence, fostering a healthy addiction. Participants will improve intrapersonal communication skills, having mastered Zumba basics, moderate and high-intensity full-body workouts, and various dance styles, including Salsa, contemporary, hip-hop, and belly dance.

Coordinator: Sumayya KI

Contact No.: 6235447071

DEPARTMENT OF ENGLISH



Certificate Course in Training and Practicing in Public Speaking

Objectives of the Course

The primary objectives of the course include:

- To enable the students to improve their skills in listening
- To make them easily adaptable to the audiences
- To empower them to learn speaking techniques to reduce nervousness and fear.

Duration: 30 Hours

Key Modules

Embark on the art of public speaking with an overview, objectives, and benefits. Delve into informative speaking, exploring its functions, speaker roles, and various types. Enhance listening skills, distinguish between hearing and listening, and appreciate the value of effective listening. Learn organizing and outlining techniques, utilizing sample demonstration speeches to understand the elements of an excellent demonstration speech, including topic, purpose, and thesis.

Outcome

Demonstrate an understanding of the principles of active listening. Recognize barriers to listening and identify how to avoid them. Explain how to give effective verbal and nonverbal feedback. Recognize communication apprehension and explain how to reduce it. Describe how public speaking can be used to advocate or create change. Recognize the social and historical contexts of speech, oratory, and rhetoric.

Coordinator: Raiba P B

Contact No.: 9495372936

DEPARTMENT OF DIGITAL FILM PRODUCTION



Certificate Course in Mobile Short Film Making

Objectives of the Course

The primary objectives of the course include:

- Familiarize students with essential skills in short film creation.
- Prioritize personal short film projects to apply theoretical knowledge practically.
- Provide practical, hands-on experience through the creation of short films, fostering imagination and creativity.
- Enhance students' practical skills in short film making.

Duration: 30 Hours

Key Modules

Explore the fundamentals of Short Film Making, delving into film history, genres, and the essence of short films and documentaries. Cover the pre-production, production, and post-production phases, understanding the director's role, storytelling, screenplay, and visual elements. Learn cinematography essentials, camera functions, color theory, lighting techniques, and editing basics using Adobe Premiere Pro. Engage in hands-on documentary and short film creation.

Outcome

Upon course completion, students will demonstrate proficiency in Zumba, benefiting from enhanced physical fitness, stress management, and mental relaxation. The program aims to boost confidence, fostering a healthy addiction. Participants will improve intrapersonal communication skills, having mastered Zumba basics, moderate and high-intensity full-body workouts, and various dance styles, including Salsa, contemporary, hip-hop, and belly dance.

Coordinator: Mynag Suresh

Contact No.: 7907508688

DEPARTMENT OF ENGLISH



Certificate Course in Sustainability and Environment

Objectives of the Course

The primary objectives of the course include:

- Develop a deep awareness and appreciation of the natural world.
- Examine and analyze current and historical environmental issues, including climate change, pollution, habitat loss, biodiversity loss, etc.
- Explore the concept of sustainability and its application in various contexts, including energy, agriculture, urban planning, and conservation.
- Gain a basic understanding of environmental science principles.

Duration: 30 Hours

Key Modules

This environmental studies course provides a comprehensive overview, encompassing natural disasters, ecological principles, disaster management, and the intersection of environment and literature. It explores the need for environmental studies, conservation efforts, and influential figures like Rachel Carson, offering a well-rounded perspective on environmental issues.

Outcome

Upon completion of this course, students will demonstrate a profound understanding of Environmental Ethics, recognizing the intricate interdependence between humanity and the natural environment. They will possess crucial knowledge on disaster precautions and develop skills to actively contribute to rescue efforts during calamities, fostering a sense of responsibility and preparedness for sustainable coexistence with the environment.

Coordinator: Jameelathu KA

Contact No.: 9895886131

DEPARTMENT OF MATHEMATICS AND STATISTICS



Certificate Course in Logics and Techniques

Objectives of the Course

The primary objectives of the course include:

- This course deals with the nuts and bolts of Mathematics.
- This course would benefit any student who requires help understanding basic math skills in order to pass a competitive examination, test, etc.
- Syllabus will focus on set theory, basics of number system, , the various forms of numbers such as fractions, decimals, ratios, proportions .
- In addition this course will focus on logical reasoning also.

Duration: 30 Hours

Key Modules

This comprehensive course covers essential mathematical foundations, delving into set theory with a focus on modern mathematical concepts, set operations, and Cartesian products. It also addresses number systems, covering basic operations, divisibility techniques, BODMAS, quadratic equations, and geometric shapes. Logical reasoning and practical applications of ratio and proportion, including averages, age relationships, and financial calculations, are integral components, fostering a well-rounded understanding.

Outcome

This curriculum emphasizes fundamental mathematical skills. Students will master set theory concepts, understand number representation and relationships, and tackle logical problems for competitive exams. Additionally, they'll apply ratio and proportion to real-life scenarios, solve financial math problems, and effectively communicate their mathematical reasoning to peers and others.

Coordinator: Nasreen A

Contact No.: 9495871943

DEPARTMENT OF LOGISTICS MANAGEMENT



Certificate Course in Inventory Management

Objectives of the Course

The primary objectives of the course include:

- Gain a thorough comprehension of inventory principles and management concepts.
- Learn to implement effective inventory management strategies to optimize stock levels.
- Acquire skills to minimize costs associated with inventory, ensuring economic efficiency.

Duration: 30 Hours

Key Modules

Explore the realm of inventory in this module, covering its functions, operations, benefits, and essential role in warehousing. Delve into types of inventory and major warehouse companies in India. Understand the objectives and benefits of inventory management, including WIP and finished goods. The module also examines Inventory Management Systems, emphasizing the necessity, logic in location determination, and uncertainties in material management systems.

Outcome

This course aims to acquaint students with the intricacies of inventory operations and underscore the critical importance of effective inventory management. By the course conclusion, participants will possess a comprehensive understanding, enabling them to recognize and appreciate the vital role played by adept inventory management in overall business efficiency and success.

Coordinator: Abdul Yafiz K M

Contact No.: 9895666427

DEPARTMENT OF BOTANY



Certificate Course in Nursery Techniques

Objectives of the Course

The primary objectives of the course include:

- To enable the students to get knowledge related to gardening.
- To enable the students to acquire the basics skills of Nursery management.
- To develop the practical knowledge of nursery maintenance.

Duration: 30 Hours

Key Modules

The fundamentals of nursery establishment, objectives, and essentials are covered, including various types and categories, as well as the prerequisites for setting up a nursery. The course introduces plant varieties, wild relatives, and their agroclimatic needs. Practical aspects encompass potting mixture, manuring, and growth monitoring. Other topics include microenvironment preparation, pest and pathogen control, landscaping techniques, and diverse agricultural areas.

Outcome

Nursery management is essential for efficient seedling production and tree propagation. It includes detailed schedules for each species, emphasizing optimal conditions, stress protection, and climate control. The certificate course enhances skills in seedling growth, development, and techniques for cultivating various plants, enabling participants to start businesses in the field.

Coordinator: Dr. Girija T P

Contact No.: 9526570267

DEPARTMENT OF AQUACULTURE



Certificate Course in Smart Aquaculture

Objectives of the Course

The primary objectives of the course include:

- Develop a clear understanding of the concept of Climate Smart Aquaculture, outlining its key components and principles.
- Identify and comprehend the specific requirements and challenges addressed by Climate Smart Aquaculture practices.
- Enumerate the advantages and positive outcomes associated with the implementation of Climate Smart Aquaculture.

Duration: 30 Hours

Key Modules

Emphasizing the importance of fisheries and aquaculture, exploring climate change processes and impacts on communities, and identifying vulnerabilities. Climate-Smart Approaches: Utilizing EAF/EAA to enhance resilience, focusing on practical themes for sustainable productivity, reducing vulnerability, and understanding specific issues in fisheries and aquaculture. Strategic Approaches: Examining national, regional, industry, subsector, local, and individual levels for fostering resilience in aquaculture and fisheries sectors.

Outcome

Upon completion of this course, participants will gain a comprehensive understanding of Climate Smart Aquaculture (CSA), including its key principles and components. They will identify the specific requirements and challenges addressed by CSA practices, list the associated benefits, and evaluate the global status of CSA adoption in diverse countries. Additionally, participants will acquire practical skills to apply CSA methods in aquaculture and fisheries.

Coordinator: Shibu A Nair

Contact No.: 9846262611

DEPARTMENT OF AQUACULTURE



Certificate Course in Toxicology

Objectives of the Course

The primary objectives of the course include:

- Explore the sources of marine pollution.
- Examine the diverse forms of pollutants, including oil, chemicals, lost cargo, sewage, garbage, fumes, and invasive species.
- Investigate the deliberate disposal of wastes at sea (dumping) and its ecological consequences.
- Evaluate direct and indirect hazards posed to organisms, including humans, due to marine pollution.

Duration: 30 Hours

Key Modules

This module on Marine Pollution explores GESAMP's role, major pollutants, and their dynamics. It covers toxicology, addressing lethal and sublethal effects, bioconcentration, and biomagnification. The course discusses sewage, industrial, agricultural, and domestic pollution, along with treatment methods. It explores detergent composition, eutrophication, and ecological impact, and addresses heavy metal, pesticide, oil, thermal, and radioactive pollution, highlighting sources, distribution, fate, and biological impacts.

Outcome

This course equips participants to define and differentiate various sources of marine pollution, fostering awareness of aquatic pollution hazards. Participants will identify global and regional agreements and initiatives addressing marine pollution. Practical knowledge includes adhering to protection guidelines and recommending mitigation measures for pollution and toxic effects in the aquatic environment.

Coordinator: Dr. Dhanya P R

Contact No.: 9447467982

DEPARTMENT OF COMMERCE



Diploma Course on GST and Tally

Objectives of the Course

The primary objectives of the course include:

- To enable the students to get through competitive examinations.
- To enable students to gain knowledge about Tally software and its use in GST compliance.
- To enable students to handle various transactions and compliances under GST.
- To evaluate the proficiency of students in using Tally software for GST compliance.

Duration: 30 Hours

Key Modules

The session featured a structured blend of 75% practical training and 25% theoretical content. Trainers introduce Tally and its features, demonstrate practical applications, and facilitated hands-on experience for students. Topics covers included voucher entry, ledger creation, bank reconciliation, inventory and payroll management, and financial statement preparation. The interactive session encourage student engagement through questions and discussions, allowing them to apply learned concepts.

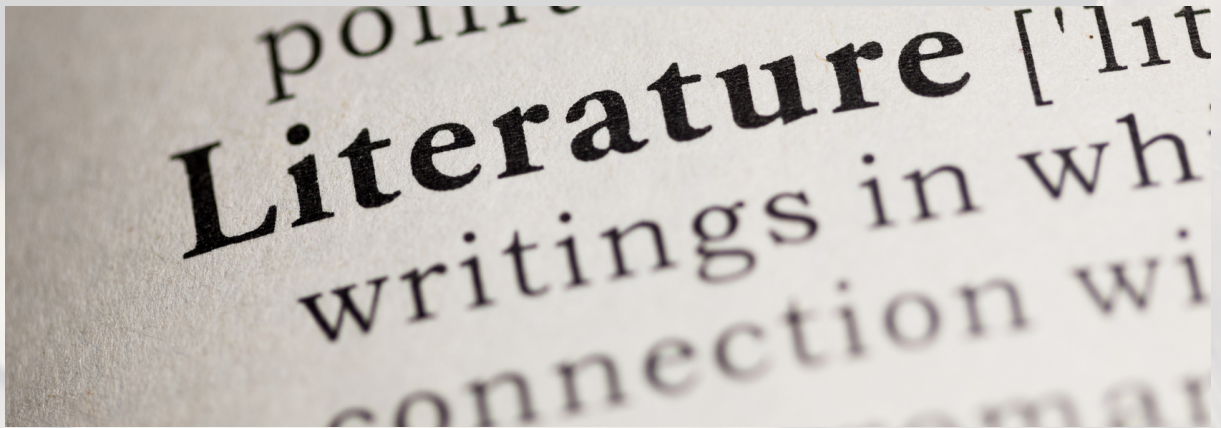
Outcome

Students acquire essential skills and knowledge applicable to their future careers through practical exercises and real-world scenarios. These experiences enhance their comprehension of concepts and demonstrate how Tally can be effectively utilized in a professional setting, providing valuable workplace insights.

Coordinator: Dr. Sefiya K M

Contact No.: 9495667609

DEPARTMENT OF ENGLISH



Add on Course on Basics of Literary Theory

Objectives of the Course

The primary objectives of the course include:

- To analyse texts within the discipline of English Literary Studies
- To provide a comprehensive overview of the diverse framework of literary theory
- To enable the students to engage with literature more critically.
- To connect theoretical frameworks to the social, political and cultural contexts that underline them.

Duration: 30 Hours

Key Modules

Explore Classical Literary Criticism, delving into the Greek tradition, Plato, and Aristotle. Uncover Neo-Classical and Romantic Literary Traditions, understanding key tenets from Samuel Johnson, John Dryden, Wordsworth, and Coleridge. Navigate Modern Literary Criticism, exploring diverse theories such as feminism, postcolonialism, ecocriticism, psychoanalysis, Marxism, new historicism, cultural materialism, queer theory, race studies, and structuralism.

Outcome

Upon completion, students gain diverse critical knowledge across domains. The course provides practical exposure to criticism's real-world application. Students are adeptly guided to successfully complete their projects, fostering comprehensive skills in critical thinking and practical project execution.

Coordinator: Dr. Reshmi S

Contact No.: 8157062509

DEPARTMENT OF ENGLISH



Add on Course on Formatting & Organizing Research Papers

Objectives of the Course

The primary objectives of the course include:

- To cultivate the desire to get intellectual joy of doing more creative work.
- To equip the students to produce independent and competent research works of their own.
- To expose the students to the importance of the ethics of research writing.
- To enable students to face challenges in solving unsolved problems.

Duration: 30 Hours

Key Modules

Explore essential grammar and usage for crafting research papers, covering punctuation, spelling, and common homophones. Gain a basic overview, emphasizing clarity in expression and the objective nature of research. Learn title framing, topic selection, and stating research gaps. Understand plagiarism and research ethics. Explore literature sources, organize a research paper, draft a dissertation, and grasp citation rules using MLA 9th edition.

Outcome

Upon completion, students experience heightened knowledge and confidence in research, acquiring proficiency in the MLA documentation style. They cultivate enhanced language competency through rigorous editing practices, fostering improved research aptitude. The course empowers students with the skills needed for effective research, boosting their confidence and expertise in academic writing and documentation.

Coordinator: Mona V M
Contact No.: 7736364688

DEPARTMENT OF COMMERCE



Add on Course on Financial Services

Objectives of the Course

The primary objectives of the course include:

- To provide students with hands-on market knowledge and interaction with industry experts.
- To equip students with knowledge of current market news, wealth management, current job opportunities, and career growth prospects.
- To enable students to make informed investment decisions in various asset classes and companies.

Duration: 30 Hours

Key Modules

The pivotal module, "Introduction to Financial Services," lays the foundation for a comprehensive understanding. Covering course and terminal introductions, asset classes like debt, gold, real estate, and equity, as well as mutual funds, it includes a SWOT analysis activity. This cornerstone module establishes a robust knowledge base, paving the way for subsequent learning.

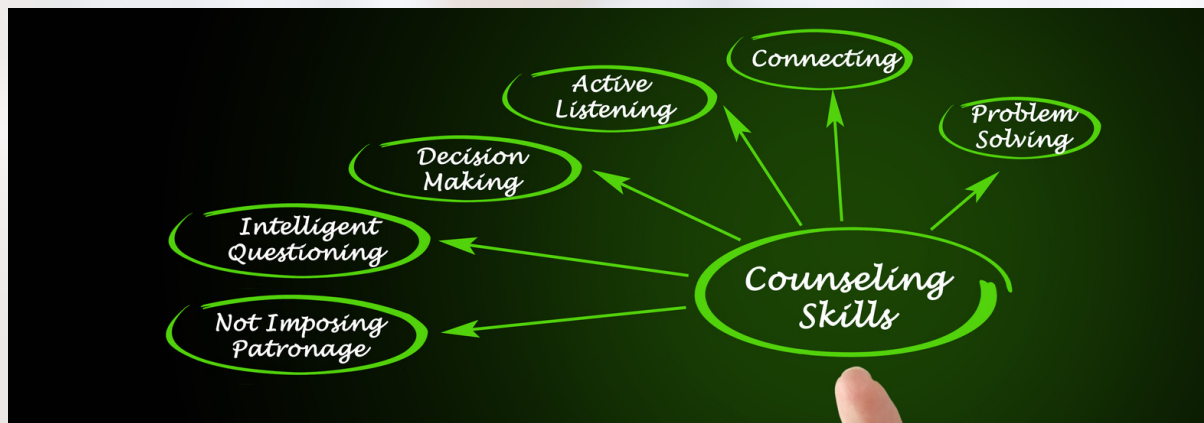
Outcome

Upon completion, participants gain comprehensive knowledge of the financial services industry. They develop the ability to make informed investment decisions across diverse asset classes and acquire an understanding of wealth management and financial planning. The course fosters awareness of job opportunities and potential career growth in the dynamic financial services sector.

Coordinator: Deepa KA

Contact No.: 8111866934

DEPARTMENT OF PSYCHOLOGY



Add on Course on Counseling Skills: Major Areas in Behaviour Modifications

Objectives of the Course

The primary objectives of the course include:

- To generate interest in psychology
- To make familiar the basic concept of the field of psychology with an emphasis on applications of psychology in everyday life
- To understand the basics of various assessments in psychology
- To provide training in case study, case formulation and MSE

Duration: 30 Hours

Key Modules

Explore the Indian educational system's impact on student mental health, emphasizing teacher roles, study habits, stress factors, motivation, and performance. Delve into developmental psychology, covering milestones, factors affecting stages, and developmental disorders. Address various learning disabilities and common behavioral issues in childhood and adolescence. Finally, examine cognitive skills development.

Outcome

The course aims to instill a genuine interest in Psychology among participants. It provides a comprehensive understanding of fundamental concepts in the field, emphasizing their practical applications in everyday life. Students delve into various assessments used in Psychology, gaining insights into psychological systems and procedures like attention, learning, and consciousness. Additionally, the course offers practical training in case study.

Coordinator: Lathif Penath

Contact No.: 9946238540



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